

MOVING YOUR LAB FORWARD

AU REAGENT QUICK REFERENCE GUIDE



The precision specifications for the AU reagents listed in this document represent the minimum levels of performance the tests are designed to meet for total precision. These specifications do not represent typical performance, typical performance is significantly better.

The measuring points listed in this document are the photometric time points the software uses to calculate a result for each assay.

Test per vial (TPV) may differ slightly on platforms due to mechanical conditions and the software algorithm used to determine when reagent is empty.

If you require additional information regarding any of the assays, please consult each individual chemistry's Instructions for Use (IFU) and analyzer-specific setting sheet.



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GENERAL CHEMISTRY

	Alanine Aminotransferase (IFCC)		Albumin	
	ALT		ALB	
Abbreviation	ALT		ALB	
Kit: AU400/AU640	OSR6107 (4 x 500 tests)		OSR6102 (4 x 500 tests) OSR6202 (4 x 910 tests)	
Kit: AU480/AU680/AU2700/ AU5400	OSR6107 (4 x 980 tests) OSR6607 (information forthcoming) [†]		OSR6102 (4 x 620 tests) OSR6202 (4 x 1120 tests) OSR6602 (information forthcoming) [†]	
Kit: AU5800	OSR6107 (4 x 980 tests)		OSR6102 (4 x 845 tests) OSR6202 (4 x 1450 tests)	
Calibrator Part Number	N/A		DR0070-2	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	UV/NADH		BCG	
Reaction Type	Rate		End	
Primary Wavelength	340 nm		600 nm	
Measuring Points	14, 27		0, 1	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	30 days		90 days	
Storage Temperature	+2 to +8°C		+2 to +25°C	
Calibration Frequency	N/A		30 days	
Compatible Anticoagulants	Heparin, EDTA ¹		Heparin, EDTA	
Reagent Volume				
AU400/AU640	R1 = 100 µL, R2 = 50 µL		R1 = 58 µL	
AU480/AU680/AU2700/ AU5400	R1 = 50 µL, R2 = 25 µL		R1 = 46 µL	
AU5800	R1 = 50 µL, R2 = 25 µL		R1 = 32 µL	
Sample Type	Serum/Plasma		Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 10 µL Urine: N/A CSF: N/A		Serum/Plasma: 2 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: 5 µL Urine: N/A CSF: N/A		Serum/Plasma: 1.6 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 5 µL Urine: N/A CSF: N/A		Serum/Plasma: 1.1 µL Urine: N/A CSF: N/A	
Analytical Range	Serum/Plasma: 3-500 IU/L Urine: N/A CSF: N/A	SI Units Serum/Plasma: 0.05-8.33 µkat/L Urine: N/A CSF: N/A	Serum/Plasma: 1.5-6.0 g/dL Urine: N/A CSF: N/A	SI Units Serum/Plasma: 15-60 g/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: 7-52 IU/L Urine: N/A CSF: N/A	Serum/Plasma: 0.11-0.87 µkat/L Urine: N/A CSF: N/A	Serum/Plasma: 3.5-5.7 g/dL Urine: N/A CSF: N/A	Serum/Plasma: 35-57 g/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: < 3% CV Urine: N/A CSF: N/A	Serum/Plasma: < 3% CV Urine: N/A CSF: N/A
Comment(s)	[†] AU2700/AU5400 only ¹ Plasma should be multiplied by 1.02, see IFU		[†] AU2700/AU5400 only	

GENERAL CHEMISTRY

	Alkaline Phosphatase		Amylase	
	ALP		AMY	
Abbreviation	ALP		AMY	
Kit: AU400/AU640	OSR6004 (4 x 200 tests) OSR6104 (4 x 485 tests) OSR6204 (4 x 880 tests)		OSR6006 (4 x 50 tests) OSR6106 (4 x 200 tests)	
Kit: AU480/AU680/AU2700/ AU5400	OSR6004 (4 x 310 tests), OSR6104 (4 x 820 tests) OSR6204 (4 x 1450 tests), OSR6504 (4 x 2510 tests) [†]		OSR6006 (4 x 55 tests) OSR6106 (4 x 240 tests)	
Kit: AU5800	OSR6004 (4 x 400 tests) OSR6104 (4 x 945 tests) OSR6204 (4 x 1625 tests)		OSR6006 (4 x 80 tests) OSR6106 (4 x 320 tests)	
Calibrator Part Number	N/A		N/A	
Control Name (Part Number)	No specific recommendation		Serum/Plasma: No specific recommendation Urine: No specific recommendation	
Measurement Principle	p-Nitro-phenylphosphate		CNP63	
Reaction Type	Rate		Rate	
Primary Wavelength	410 nm		410 nm	
Measuring Points	13, 19 (AU400/AU640) 16, 27 (AU480/AU2700/AU5400/AU5800)		5, 10	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	14 days AU5800: 7 days		30 days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	N/A		N/A	
Compatible Anticoagulants	Heparin		Heparin	
Reagent Volume				
AU400/AU640	R1 = 60 µL, R2 = 60 µL		R1 = 200 µL	
AU480/AU680/AU2700/ AU5400	R1 = 36 µL, R2 = 36 µL		R1 = 160 µL	
AU5800	R1 = 28 µL, R2 = 28 µL		R1 = 120 µL	
Sample Type	Serum/Plasma		Serum/Plasma/Urine	
Sample Size (AU400/AU640)	Serum/Plasma: 3 µL Urine: N/A CSF: N/A		Serum/Plasma: 2 µL Urine: 2 µL CSF: N/A	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: 1.8 µL Urine: N/A CSF: N/A		Serum/Plasma: 1.6 µL Urine: 1.6 µL CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 1.4 µL Urine: N/A CSF: N/A		Serum/Plasma: 1.2 µL Urine: 1.2 µL CSF: N/A	
Analytical Range	Serum/Plasma: 5-1500 IU/L Urine: N/A CSF: N/A	SI Units Serum/Plasma: 0.1-25.0 µkat/L Urine: N/A CSF: N/A	Serum/Plasma: 10-2000 U/L Urine: 10-1500 U/L CSF: N/A	SI Units Serum/Plasma: 0.2-33.3 µkat/L Urine: 0.1-25 µkat/L CSF: N/A
Reference Interval	Serum/Plasma: 34-104 IU/L Urine: N/A CSF: N/A	Serum/Plasma: 0.57-1.78 µkat/L Urine: N/A CSF: N/A	Serum/Plasma: 29-103 U/L Urine: 5-27 U/hour CSF: N/A	Serum/Plasma: 0.48-1.72 µkat/L Urine: 0.08-0.45 µkat/L CSF: N/A
Precision Specification	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: < 10% CV Urine: < 10% CV CSF: N/A	Serum/Plasma: < 10% CV Urine: < 10% CV CSF: N/A
Comment(s)	[†] AU680/AU2700/AU5400 only			

GENERAL CHEMISTRY

	Aspartate Aminotransferase (IFCC)		Bicarbonate	
	AST		CO ₂	
Abbreviation	AST		CO ₂	
Kit: AU400/AU640	OSR6109 (4 x 500 tests) OSR6209 (4 x 1000 tests)		OSR6137 (4 x 500 tests) OSR6237 (4 x 1000 tests)	
Kit: AU480/AU680/AU2700/ AU5400	OSR6109 (4 x 980 tests) OSR6209 (4 x 1960 tests) OSR6509 (4 x 3700 tests) [†]		OSR6137 (4 x 590 tests) OSR6237 (4 x 1160 tests) OSR6537 (4 x 2285 tests) [†]	
Kit: AU5800	OSR6109 (4 x 1020 tests) OSR6209 (4 x 1935 tests)		OSR6137 (4 x 740 tests) OSR6237 (4 x 1440 tests)	
Calibrator Part Number	N/A		DR0070 (1&2)	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	UV/NADH		Phosphoenolpyruvate Carboxylase	
Reaction Type	Rate		Fixed	
Primary Wavelength	340 nm		380 nm	
Measuring Points	14, 27		1, 9	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	30 days		7 days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	N/A		1 Day	
Compatible Anticoagulants	Heparin		Heparin	
Reagent Volume				
AU400/AU640	R1 = 50 µL, R2 = 50 µL		R1 = 50 µL	
AU480/AU680/AU2700/ AU5400	R1 = 25 µL, R2 = 25 µL		R1 = 42 µL	
AU5800	R1 = 25 µL, R2 = 25 µL		R1 = 32 µL	
Sample Type	Serum/Plasma		Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 10 µL Urine: N/A CSF: N/A		Serum/Plasma: 3 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: 5 µL Urine: N/A CSF: N/A		Serum/Plasma: 2.5 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 5 µL Urine: N/A CSF: N/A		Serum/Plasma: 1.9 µL Urine: N/A CSF: N/A	
Analytical Range	Serum/Plasma: 3-1000 U/L Urine: N/A CSF: N/A	SI Units Serum/Plasma: 0.05-16.7 µkat/L Urine: N/A CSF: N/A	Serum/Plasma: 2-45 mEq/L Urine: N/A CSF: N/A	SI Units Serum/Plasma: 2-45 mmol/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: 13-39 U/L Urine: N/A CSF: N/A	Serum/Plasma: 0.22-0.65 µkat/L Urine: N/A CSF: N/A	Serum/Plasma: 23-29 mEq/L Urine: N/A CSF: N/A	Serum/Plasma: Adults: 23-29 mmol/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: < 7% CV or SD < 1.5 mEq/L ¹ Urine: N/A CSF: N/A	Serum/Plasma: < 7% CV or SD < 1.5 mmol/L ¹ Urine: N/A CSF: N/A
Comment(s)	[†] AU680/AU2700/AU5400 only		¹ Use the greater number [†] AU680/AU2700/AU5400 only	

GENERAL CHEMISTRY

	Calcium Arsenazo		Calcium oCPC	
	CALA		CA	
Abbreviation	CALA		CA	
Kit: AU400/AU640	OSR60117 (4 x 500 tests) OSR61117 (4 x 930 tests)		OSR6113 (4 x 450 tests) OSR6213 (4 x 815 tests)	
Kit: AU480/AU680/AU2700/ AU5400	OSR60117 (4 x 700 tests) OSR61117 (4 x 1313 tests) OSR65117 (4 x 4500 tests)†		OSR6113 (4 x 590 tests) OSR6213 (4 x 1080 tests)	
Kit: AU5800	OSR60117 (4 x 890 tests) OSR61117 (4 x 1700 tests)		OSR6113 (4 x 720 tests) OSR6213 (4 x 1310 tests)	
Calibrator Part Number	Serum/Plasma: DR0070 (1&2) Urine: DR0090		Serum/Plasma: DR0070 (1&2) Urine: DR0090	
Control Name (Part Number)	Serum/Plasma: No specific recommendation Urine: No specific recommendation		Serum/Plasma: No specific recommendation Urine: No specific recommendation	
Measurement Principle	Arsenazo		o-Cresolphthalein Complexone	
Reaction Type	End		End	
Primary Wavelength	660 nm		570 nm	
Measuring Points	0, 10		0, 27/0, 10	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	90 days		30 days	
Storage Temperature	+2 to +8°C		+2 to +25°C	
Calibration Frequency	30 days		1 day	
Compatible Anticoagulants	Heparin		N/A	
Reagent Volume				
AU400/AU640	Serum: R1 = 29 µL, Urine: R1 = 25 µL		R1 = 60 µL, R2 = 60 µL	
AU480/AU680/AU2700/ AU5400	Serum: R1 = 21 µL Urine: R1 = 25 µL		Serum: R1 = 45 µL, R2 = 45 µL Urine: R1 = 60 µL, R2 = 60 µL	
AU5800	Serum: R1 = 16 µL Urine: R1 = 16 µL		Serum: R1 = 36 µL, R2 = 36 µL Urine: R1 = 48 µL, R2 = 48 µL	
Sample Type	Serum/Plasma/Urine		Serum/Urine	
Sample Size (AU400/AU640)	Serum/Plasma: 3.5 µL Urine: 2 µL CSF: N/A		Serum: 5 µL Urine: 2 µL CSF: N/A	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: 2.5 µL Urine: 2 µL CSF: N/A		Serum: 3.7 µL Urine: 3 µL CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 1.9 µL Urine: 1.3 µL CSF: N/A		Serum: 3 µL Urine: 2.4 µL CSF: N/A	
Analytical Range	Serum/Plasma: 4-18 mg/dL Urine: 0.1-40.0 mg/dL CSF: N/A	SI Units Serum/Plasma: 1-4.5 mmol/L Urine: 0.025-10 mmol/L CSF: N/A	Serum: 0-18 mg/dL Urine: 0-40 mg/dL CSF: N/A	SI Units Serum: 0-4.5 mmol/L Urine: 0-10 mmol/L CSF: N/A
Reference Interval	Serum/Plasma: 8.6-10.3 mg/dL Urine: 100-300 mg/24 hrs CSF: N/A	Serum/Plasma: 2.1-2.6 mmol/L Urine: 25-75 mmol/24 hrs CSF: N/A	Serum: 8.6-10.2 mg/dL Urine: 100-300 mg/24 hrs CSF: N/A	Serum: 2.1-2.6 mmol/L Urine: 25-75 mmol/24 hr CSF: N/A
Precision Specification	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum: < 5% CV or SD < 0.33 mg/dL ¹ Urine: < 5% CV or SD < 0.33 mg/dL ¹ CSF: N/A	Serum: < 5% CV or SD < 0.08 mmol/L ¹ Urine: < 5% CV or SD < 0.08 mmol/L ¹ CSF: N/A
Comment(s)	† AU680/AU2700/AU5400 only		¹ Use the greater number	

GENERAL CHEMISTRY

	Cholesterol		Creatinine	
	CHOL		CRE	
Abbreviation				
Kit: AU400/AU640	OSR6116 (4 x 500 tests) OSR6216 (4 x 1000 tests)		OSR6178 (4 x 425 tests)	
Kit: AU480/AU680/AU2700/ AU5400	OSR6116 (4 x 910 tests) OSR6216 (4 x 1830 tests) OSR6516 (4 x 3975 tests) [†]		OSR6178 (4 x 990 tests) OSR6678 (information forthcoming) [†]	
Kit: AU5800	OSR6116 (4 x 1190 tests) OSR6216 (4 x 2380 tests)		OSR6178 (4 x 1215 tests)	
Calibrator Part Number	DR0070-2		Serum/Plasma: DR0070 (1&2), Urine: DR0091	
Control Name (Part Number)	No specific recommendation		Serum/Plasma: No specific recommendation Urine: No specific recommendation	
Measurement Principle	Enzymatic		Modified Jaffe, Kinetic	
Reaction Type	End		Fixed	
Primary Wavelength	540 nm		520 nm	
Measuring Points	0, 27		13, 24	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	90 days		7 days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	30 Days		1 day, see IFU	
Compatible Anticoagulants	Heparin, EDTA		Heparin	
Reagent Volume				
AU400/AU640	R1 = 45 µL		R1 = 120 µL, R2 = 120 µL	
AU480/AU680/AU2700/ AU5400	R1 = 24 µL		Serum: R1 = 48 µL, R2 = 48 µL Urine: R1 = 120 µL, R2 = 120 µL	
AU5800	R1 = 18 µL		Serum: R1 = 36 µL, R2 = 36 µL Urine: R1 = 90 µL, R2 = 90 µL	
Sample Type	Serum/Plasma		Serum/Plasma/Urine	
Sample Size (AU400/AU640)	Serum/Plasma: 3 µL Urine: N/A CSF: N/A		Serum/Plasma: 20 µL Urine: 8 µL CSF: N/A	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: 1.6 µL Urine: N/A CSF: N/A		Serum/Plasma: 8 µL Urine: 8 µL CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 1.2 µL Urine: N/A CSF: N/A		Serum/Plasma: 6 µL Urine: 6 µL CSF: N/A	
Analytical Range	Serum/Plasma: 25-700 mg/dL Urine: N/A CSF: N/A	SI Units Serum/Plasma: 0.6-18.1 mmol/L Urine: N/A CSF: N/A	Serum/Plasma: 0.2-25.0 mg/dL Urine: 1-300 mg/dL CSF: N/A	SI Units Serum/Plasma: 18-2210 µmol/L Urine: 88-26520 µmol/L CSF: N/A
Reference Interval	Serum/Plasma: < 200 mg/dL Urine: N/A CSF: N/A	Serum/Plasma: < 5.18 mmol/L Urine: N/A CSF: N/A	Serum/Plasma: M: 0.7-1.3 mg/dL F: 0.6-1.2 mg/dL Urine: M: 14-26 mg/kg/24 hrs; F: 11-20 mg/kg/24 hrs CSF: N/A	Serum/Plasma: M: 62-115 µmol/L; F: 53-106 µmol/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: < 3% CV Urine: N/A CSF: N/A	Serum/Plasma: < 3% CV Urine: N/A CSF: N/A	Serum/Plasma: < 6% CV Urine: N/A CSF: N/A	Serum/Plasma: < 6% CV Urine: N/A CSF: N/A
Comment(s)	[†] AU680/AU2700/AU5400 only			

GENERAL CHEMISTRY

	Creatine Kinase		Direct Bilirubin	
	CK		DBIL ¹	
Abbreviation	CK		DBIL ¹	
Kit: AU400/AU640	OSR6179 (4 x 200 tests) OSR6279 (4 x 425 tests)		OSR6111 (4 x 200 tests) OSR6211 (4 x 660 tests)	
Kit: AU480/AU680/AU2700/ AU5400	OSR6179 (4 x 230 tests) OSR6279 (4 x 490 tests)		OSR6111 (4 x 230 tests) OSR6211 (4 x 780 tests) OSR6511 (4 x 3835 tests) ²	
Kit: AU5800	OSR6179 (4 x 300 tests) OSR6279 (4 x 640 tests)		OSR6111 (4 x 310 tests) OSR6211 (4 x 1050 tests)	
Calibrator Part Number	N/A		DR0070-1	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	IFCC-CK (IAC)		Diazonium Salt, DPD	
Reaction Type	Rate		End	
Primary Wavelength	340 nm		570 nm	
Measuring Points	21, 27		0, 2	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	30 days		21 days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	N/A		7 days	
Compatible Anticoagulants	Heparin		Heparin	
Reagent Volume				
AU400/AU640	R1 = 120 µL, R2 = 30 µL		R1 = 30 µL	
AU480/AU680/AU2700/ AU5400	R1 = 100 µL, R2 = 25 µL		R1 = 25 µL	
AU5800	R1 = 75 µL, R2 = 19 µL		R1 = 19 µL	
Sample Type	Serum/Plasma		Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 3 µL Urine: N/A CSF: N/A		Serum/Plasma: 3 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: 2.5 µL Urine: N/A CSF: N/A		Serum/Plasma: 2.5 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 1.9 µL Urine: N/A CSF: N/A		Serum/Plasma: 1.9 µL Urine: N/A CSF: N/A	
Analytical Range	Serum/Plasma: 10-2000 U/L Urine: N/A CSF: N/A	SI Units Serum/Plasma: 0.17-33.3 µkat/L Urine: N/A CSF: N/A	Serum/Plasma: 0-10 mg/dL Urine: N/A CSF: N/A	SI Units Serum/Plasma: 0-171 µmol/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: 30-223 U/L Urine: N/A CSF: N/A	Serum/Plasma: 0.50-3.72 µkat/L Urine: N/A CSF: N/A	Serum/Plasma: 0.03-0.18 mg/dL Urine: N/A CSF: N/A	Serum/Plasma: 0.51-3.08 µmol/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: < 7.5% CV or SD ≤ 0.23 mg/dL ² Urine: N/A CSF: N/A	Serum/Plasma: < 7.5% CV or SD ≤ 3.9 µmol/L ² Urine: N/A CSF: N/A
Comment(s)			¹ Both a color test DBIL-C and blank test DBIL-B need to be run ² Use the greater number ³ AU680/AU2700/AU5400 only	

	Direct Bilirubin		Gamma-Glutamyltransferase	
	DBIL		GGT	
Abbreviation	DBIL		GGT	
Kit: AU400/AU640	OSR61181 (4 x 300 tests)		OSR6119 (4 x 200 tests) OSR6219 (4 x 660 tests)	
Kit: AU480/AU680/AU2700/ AU5400	OSR61181 (4 x 360 tests)		OSR6119 (4 x 310 tests) OSR6219 (4 x 980 tests)	
Kit: AU5800	OSR61181 (4 x 355 tests)		OSR6119 (4 x 395 tests) OSR6219 (4 x 1190 tests)	
Calibrator Part Number	DR0070-1		N/A	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	Diazonium Salt, DPD		Glutamyl-carboxy-p-nitroanilide	
Reaction Type	End		Rate	
Primary Wavelength	540 nm		410 nm	
Measuring Points	0, 12/0, 10		14, 23 (AU400/AU640) 16, 23 (AU480/AU680/AU2700/AU5400/AU5800)	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	30 days		30 days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	21 days		N/A	
Compatible Anticoagulants	Heparin		EDTA	
Reagent Volume				
AU400/AU640	R1 = 150 µL, R2 = 30 µL		R1 = 75 µL, R2 = 75 µL	
AU480/AU680/AU2700/ AU5400	R1 = 125 µL, R2 = 25 µL		R1 = 50 µL, R2 = 50 µL	
AU5800	R1 = 125 µL, R2 = 25 µL		Serum/Plasma: R1 = 39 µL, R2 = 39 µL	
Sample Type	Serum		Serum/Plasma	
Sample Size (AU400/AU640)	Serum: 6 µL Urine: N/A CSF: N/A		Serum/Plasma: 6 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum: 5 µL Urine: N/A CSF: N/A		Serum/Plasma: 4 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum: 5 µL Urine: N/A CSF: N/A		Serum/Plasma: 3.1 µL Urine: N/A CSF: N/A	
Analytical Range	Serum: 0.05-10 mg/dL Urine: N/A CSF: N/A	SI Units Serum: 0.9-171 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: 3-1200 U/L Urine: N/A CSF: N/A	SI Units Serum/Plasma: 0.05-20 µkat/L Urine: N/A CSF: N/A
Reference Interval	Serum: 0.0-0.2 mg/dL Urine: N/A CSF: N/A	Serum: 0-3.42 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: 9-64 U/L Urine: N/A CSF: N/A	Serum/Plasma: 0.15-1.07 µkat/L Urine: N/A CSF: N/A
Precision Specification	< 8% CV or SD ≤ 0.21 mg/dL ¹ Urine: N/A CSF: N/A	< 8% CV or SD ≤ 3.6 µmol/L ¹ Urine: N/A CSF: N/A	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A
Comment(s)	¹ Use the greater number			

GENERAL CHEMISTRY

	Glucose		HDL Cholesterol	
	GLU		HDL-C	
Abbreviation				
Kit: AU400/AU640	OSR6121 (4 x 500 tests) OSR6221 (4 x 1050 tests)		OSR6195 (4 x 150 tests) OSR6295 (4 x 250 tests)	
Kit: AU480/AU680/AU2700/ AU5400	OSR6121 (4 x 610 tests) OSR6221 (4 x 1300 tests) OSR6621 (information forthcoming) [†]		OSR6195 (4 x 150 tests) OSR6295 (4 x 250 tests)	
Kit: AU5800	OSR6121 (4 x 810 tests) OSR6221 (4 x 1600 tests)		OSR6195 (4 x 170 tests) OSR6295 (4 x 285 tests)	
Calibrator Part Number	Serum/Plasma: DR0070-2 Urine: DR0090		ODC0023	
Control Name (Part Number)	Serum/Plasma: No specific recommendation Urine: No specific recommendation		No specific recommendation	
Measurement Principle	Hexokinase-UV/NAD		Accelerator Selective Detergent	
Reaction Type	End		End	
Primary Wavelength	340 nm		600 nm	
Measuring Points	0, 27/0, 10		0, 27/0, 10	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	30 days		30 days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	30 days		7 days	
Compatible Anticoagulants	Heparin, EDTA, Sodium Fluoride		Heparin, EDTA	
Reagent Volume				
AU400/AU640	R1 = 50 µL, R2 = 25 µL		R1 = 200 µL, R2 = 66 µL	
AU480/AU680/AU2700/ AU5400	Serum: R1 = 40 µL, R2 = 20 µL Urine: R1 = 50 µL, R2 = 25 µL		R1 = 200 µL, R2 = 66 µL	
AU5800	R1 = 30 µL, R2 = 15 µL		R1 = 160 µL, R2 = 53 µL	
Sample Type	Serum/Plasma/Urine/CSF		Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 2 µL Urine: 3 µL CSF: 2 µL		Serum/Plasma: 2 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: 1.6 µL Urine: 3 µL CSF: 1.6 µL		Serum/Plasma: 2 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 1.2 µL Urine: 1.8 µL CSF: 1.2 µL		Serum/Plasma: 1.6 µL Urine: N/A CSF: N/A	
Analytical Range	Serum/Plasma: 10-800 mg/dL Urine: 10-700 mg/dL CSF: 10-800 mg/dL	SI Units Serum/Plasma: 0.6-44.4 mmol/L Urine: 0.6-39 mmol/L CSF: 0.6-44.4 mmol/L	Serum/Plasma: 2.5-200 mg/dL Urine: N/A CSF: N/A	SI Units Serum/Plasma: 0.07-5.17 mmol/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: 70-105 mg/dL Urine: N/A CSF: 40-70 mg/dL	Serum/Plasma: Adults: 3.9-5.8 mmol/L Urine: N/A CSF: 2.2-3.9 mmol/L	Serum/Plasma: 23-92 mg/dL Urine: N/A CSF: N/A	Serum/Plasma: 0.59-2.38 mmol/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: < 3% CV Urine: 3% CSF: 3%	Serum/Plasma: < 3% CV Urine: N/A CSF: N/A	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A
Comment(s)	[†] AU2700/AU5400 only			

GENERAL CHEMISTRY

	Iron		LDL Cholesterol	
	IRON		LDL-C	
Abbreviation				
Kit: AU400/AU640	OSR6186 (4 x 300 tests) OSR6286 (4 x 595 tests)		OSR6196 (4 x 150 tests) OSR6296 (4 x 250 tests)	
Kit: AU480/AU680/AU2700/ AU5400	OSR6186 (4 x 500 tests) OSR6286 (4 x 970 tests)		OSR6196 (4 x 150 tests) OSR6296 (4 x 250 tests)	
Kit: AU5800	OSR6186 (4 x 500 tests) OSR6286 (4 x 937 tests)		OSR6196 (4 x 170 tests) OSR6296 (4 x 290 tests)	
Calibrator Part Number	DR0070-1		ODC0024	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	TPTZ		Liquid Selective Detergent	
Reaction Type	End		End	
Primary Wavelength	600 nm		540 nm	
Measuring Points	0, 12/0, 10		0, 27/0, 10	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	60 days		30 days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	30 days		7 days	
Compatible Anticoagulants	Heparin		Heparin, EDTA	
Reagent Volume				
AU400/AU640	R1 = 50 µL, R2 = 50 µL		R1 = 200 µL, R2 = 66 µL	
AU480/AU680/AU2700/ AU5400	R1 = 30 µL, R2 = 30 µL		R1 = 200 µL, R2 = 66 µL	
AU5800	R1 = 30 µL, R2 = 30 µL		R1 = 160 µL, R2 = 53 µL	
Sample Type	Serum/Plasma		Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 20 µL Urine: N/A CSF: N/A		Serum/Plasma: 2 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: 12 µL Urine: N/A CSF: N/A		Serum/Plasma: 2 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 12 µL Urine: N/A CSF: N/A		Serum/Plasma: 1.6 µL Urine: N/A CSF: N/A	
Analytical Range	SI Units Serum/Plasma: 10-1000 µg/dL Urine: N/A CSF: N/A	SI Units Serum/Plasma: 1.8-178.6 µmol/L Urine: N/A CSF: N/A	SI Units Serum/Plasma: 7.0-400 mg/dL Urine: N/A CSF: N/A	SI Units Serum/Plasma: 0.2-10.3 mmol/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: 50-212 µg/dL Urine: N/A CSF: N/A	Serum/Plasma: 8.9-37.9 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: 75-193 mg/dL Urine: N/A CSF: N/A	Serum/Plasma: Optimal: 1.9-5.0 mmol/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A
Comment(s)				

GENERAL CHEMISTRY

	Lactate Dehydrogenase (IFCC)		Lipase	
	LDH		LIP	
Abbreviation				
Kit: AU400/AU640	OSR6127 (4 x 500 tests) OSR6227 (4 x 625 tests)		OSR6130 (4 x 45 tests) OSR6230 (4 x 150 tests)	
Kit: AU480/AU680/AU2700/ AU5400	OSR6127 (4 x 640 tests) OSR6227 (4 x 800 tests)		OSR6130 (4 x 50 tests) OSR6230 (4 x 180 tests)	
Kit: AU5800	OSR6127 (4 x 830 tests) OSR6227 (4 x 1010 tests)		OSR6130 (4 x 50 tests) OSR6230 (4 x 230 tests)	
Calibrator Part Number	N/A		Included	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	Lactate-Pyruvate (NAD)		Enzymatic, Colorimetric	
Reaction Type	Rate		Rate	
Primary Wavelength	340 nm		540 nm	
Measuring Points	14, 21 (AU400/AU640) 15, 23 (AU480/AU680/AU2700/AU5400/AU5800)		17,27	
Liquid or Lyophilized	Liquid		Lyophilized	
Onboard Stability	30 days AU5800: 14 days		21 days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	N/A		7 Days	
Compatible Anticoagulants	Heparin		Heparin	
Reagent Volume				
AU400/AU640	R1 = 80 µL, R2 = 40 µL		R1 = 180 µL, R2 = 60 µL ¹	
AU480/AU680/AU2700/ AU5400	R1 = 62 µL, R2 = 31 µL		R1 = 144 µL, R2 = 48 µL ¹	
AU5800	R1 = 48 µL, R2 = 24 µL		R1 = 108 µL, R2 = 36 µL ¹	
Sample Type	Serum/Plasma		Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 3 µL Urine: N/A CSF: N/A		Serum/Plasma: 2 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: 2.3 µL Urine: N/A CSF: N/A		Serum/Plasma: 1.6 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 1.8 µL Urine: N/A CSF: N/A		Serum/Plasma: 1.2 µL Urine: N/A CSF: N/A	
Analytical Range	Serum/Plasma: 25-1200 U/L Urine: N/A CSF: N/A	SI Units Serum/Plasma: 0.4-20.0 µkat/L Urine: N/A CSF: N/A	Serum/Plasma: 3-600 U/L Urine: N/A CSF: N/A	SI Units Serum/Plasma: 0.05-10 µkat/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: 140-271 U/L Urine: N/A CSF: N/A	Serum/Plasma: 2.3-4.5 µkat/L Urine: N/A CSF: N/A	Serum/Plasma: 11-82 U/L Urine: N/A CSF: N/A	Serum/Plasma: 0.18-1.37 µkat/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A
Comment(s)	¹ Dissolve contents of 1 vial of R1 with the contents of 1 vial of R1 buffer			

GENERAL CHEMISTRY

	Magnesium		Phosphorus (Inorganic)	
Abbreviation	MG		PHOS	
Kit: AU400/AU640	OSR6189 (4 x 200 tests)		OSR6122 (4 x 500 tests) OSR6222 (4 x 1330 tests)	
Kit: AU480/AU680/AU2700/ AU5400	OSR6189 (4 x 250 tests)		OSR6122 (4 x 590 tests) OSR6222 (4 x 1570 tests)	
Kit: AU5800	OSR6189 (4 x 250 tests)		OSR6122 (4 x 790 tests) OSR6222 (4 x 2100 tests)	
Calibrator Part Number	Serum/Plasma: DR0070-2, Urine: DR0090		Serum/Plasma: DR0070-2, Urine: DR0090	
Control Name (Part Number)	Serum/Plasma: No specific recommendation Urine: No specific recommendation		Serum/Plasma: No specific recommendation Urine: No specific recommendation	
Measurement Principle	Xylidyl Blue		Phosphomolybdate Complex	
Reaction Type	End		End	
Primary Wavelength	520 nm		340 nm	
Measuring Points	0, 27 (AU400/AU640) 0, 10 (AU480/AU680/AU2700/AU5400/AU5800)		0, 27/0, 10	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	7 days		30 days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	7 Days		30 Days	
Compatible Anticoagulants	Heparin		N/A	
Reagent Volume				
AU400/AU640	R1 = 200 µL		R1 = 30 µL, R2 = 30 µL	
AU480/AU680/AU2700/ AU5400	Serum: R1 = 160 µL Urine: R1 = 200 µL		Serum: R1 = 25 µL, R2 = 25 µL Urine: R1 = 30 µL, R2 = 30 µL	
AU5800	Serum: R1 = 160 µL Urine: R1 = 150 µL		Serum: R1 = 19 µL, R2 = 19 µL Urine: R1 = 20 µL, R2 = 20 µL	
Sample Type	Serum/Plasma		Serum/Urine	
Sample Size (AU400/AU640)	Serum/Plasma: 2 µL Urine: 2 µL CSF: N/A		Serum/Plasma: 3 µL Urine: 3 µL of a 1/10 CSF: N/A	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: 1.6 µL Urine: 2 µL CSF: N/A		Serum/Plasma: 2.5 µL Urine: 3 µL of a 1/10 CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 1.6 µL Urine: 1.5 µL CSF: N/A		Serum/Plasma: 1.9 µL Urine: 2 µL of a 1/10 CSF: N/A	
Analytical Range		SI Units		SI Units
	Serum/Plasma: 0.5-8.0 mg/dL Urine: 0.5-10.0 mg/dL CSF: N/A	Serum/Plasma: 0.2-3.3 mmol/L Urine: 0.2-4.1 mmol/L CSF: N/A	Serum/Plasma: 1-20 mg/dL Urine: 10-200 mg/dL CSF: N/A	Serum/Plasma: 0.3-6.5 mmol/L Urine: 3.2-64.5 mmol/L CSF: N/A
Reference Interval		SI Units		SI Units
	Serum/Plasma: 1.9-2.7 mg/dL Urine: 24-255 mg/24 hrs CSF: N/A	Serum/Plasma: 0.78-1.11 mmol/L Urine: 2-21.2 mEq/24 hrs CSF: N/A	Serum/Plasma: 3.7-7.2 mg/dL Urine: 0.3-1.3 g/24 hr CSF: N/A	Serum/Plasma: 1.2-2.3 mmol/L Urine: 9.7-42 mmol/24 hrs CSF: N/A
Precision Specification		SI Units		SI Units
	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A
Comment(s)	*Dissolve contents of 1 vial of R1 with the contents of 1 vial of R1 buffer			

GENERAL CHEMISTRY

	Total Bilirubin		Total Protein	
	TBIL ¹		TP	
Abbreviation	TBIL ¹		TP	
Kit: AU400/AU640	OSR6112 (4 x 500 tests) OSR6212 (4 x 1300 tests)		OSR6132 (4 x 500 tests) OSR6232 (4 x 960 tests)	
Kit: AU480/AU680/AU2700/ AU5400	OSR6112 (4 x 590 tests) OSR6212 (4 x 1530 tests) OSR6512 (4 x 3465 tests) ²		OSR6132 (4 x 750 tests) OSR6232 (4 x 1440 tests) OSR6632 (information forthcoming) ³	
Kit: AU5800	OSR6112 (4 x 750 tests) OSR6212 (4 x 2020 tests)		OSR6132 (4 x 980 tests) OSR6232 (4 x 1880 tests)	
Calibrator Part Number	DR0070-1		DR0070-2	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	Diazonium Salt, DPD		Biuret; Blanked	
Reaction Type	End		End	
Primary Wavelength	570 nm		540 nm	
Measuring Points	0, 10		0, 27/0, 10	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	90 days		30 days	
Storage Temperature	2 to 8°C		+2 to +25°C	
Calibration Frequency	30 Days		As needed	
Compatible Anticoagulants	Heparin, EDTA		Heparin	
Reagent Volume				
AU400/AU640	R1 = 30 µL		R1 = 50 µL, R2 = 50 µL	
AU480/AU680/AU2700/ AU5400	R1 = 26 µL		R1 = 33 µL, R2 = 33 µL	
AU5800	R1 = 20 µL		R1 = 25 µL, R2 = 25 µL	
Sample Type	Serum/Plasma		Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 6 µL Urine: N/A CSF: N/A		Serum/Plasma: 3 µL (AU400)/6 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: 6 µL Urine: N/A CSF: N/A		Serum/Plasma: 5 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 3.8 µL Urine: N/A CSF: N/A		Serum/Plasma: 3 µL Urine: N/A CSF: N/A	
Analytical Range	Serum/Plasma: 0-30 mg/dL Urine: N/A CSF: N/A	SI Units Serum/Plasma: 0-513 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: 3-12 g/dL Urine: N/A CSF: N/A	SI Units Serum/Plasma: 30-120 g/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: 0.3-1.0 mg/dL Urine: N/A CSF: N/A	Serum/Plasma: 5.1-17.1 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: 6.4-8.9 g/dL Urine: N/A CSF: N/A	Serum/Plasma: 64-89 g/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: < 5% CV or SD ≤ 0.10 mg/dL ² Urine: N/A CSF: N/A	Serum/Plasma: < 5% CV ≤ 1.7 µmol/L ² Urine: N/A CSF: N/A	Serum/Plasma: < 4% CV Urine: N/A CSF: N/A	Serum/Plasma: < 4% CV Urine: N/A CSF: N/A
Comment(s)	¹ Both a color test DBIL-C and blank test TBIL-B need to be run ² Use the greater number. ³ AU680/AU2700/AU5400 only		[†] AU2700/AU5400 only	

GENERAL CHEMISTRY

	Triglyceride		Unsaturated Iron Binding Capacity	
Abbreviation	Triglyceride		UIBC	
Kit: AU400/AU640	OSR60118 (4 x 200 tests) OSR61118 (4 x 500 tests)		OSR61205 (4 x 170 tests)	
Kit: AU480/AU680/AU2700/ AU5400	OSR60118 (4 x 290 tests) OSR61118 (4 x 735 tests) OSR66118 (information forthcoming) [†]		OSR61205 (4 x 200 tests)	
Kit: AU5800	OSR60118 (4 x 280 tests) OSR61118 (4 x 750 tests)		OSR61205 (4 x 200 tests)	
Calibrator Part Number	DR0070-2		DR0070-2	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	Glycerol Phosphate Oxidase		Nitroso-PSAP	
Reaction Type	End		End	
Primary Wavelength	660 nm		800 nm	
Measuring Points	0, 27/0, 10		0, 27/0, 10	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	30 days		30 days	
Storage Temperature	2 - 8°C		+2 to +8°C	
Calibration Frequency	30 days		14 days	
Compatible Anticoagulants	Heparin, EDTA		Heparin	
Reagent Volume				
AU400/AU640	R1 = 100 µL, R2 = 25 µL		R1 = 150 µL, R2 = 30 µL ¹	
AU480/AU680/AU2700/ AU5400	R1 = 66 µL, R2 = 17 µL		R1 = 120 µL, R2 = 24 µL ¹	
AU5800	R1 = 66 µL, R2 = 17 µL		R1 = 120 µL, R2 = 24 µL ¹	
Sample Type	Serum/Plasma		Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 2 µL Urine: N/A CSF: N/A		Serum/Plasma: 10 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: 1.6 µL Urine: N/A CSF: N/A		Serum/Plasma: 8 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 1.6 µL Urine: N/A CSF: N/A		Serum/Plasma: 8 µL Urine: N/A CSF: N/A	
Analytical Range		SI Units		SI Units
	Serum/Plasma: 10-1000 mg/dL Urine: N/A CSF: N/A	Serum/Plasma: 0.1-11.3 mmol/L Urine: N/A CSF: N/A	Serum/Plasma: 55-450 µg/dL Urine: N/A CSF: N/A	Serum/Plasma: 9.8-80.4 µmol/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: < 150 mg/dL Urine: N/A CSF: N/A	Serum/Plasma: < 1.7 mmol/L Urine: N/A CSF: N/A	Serum/Plasma: 155-355 µg/dL Urine: N/A CSF: N/A	Serum/Plasma: 27.7-63.4 µmol/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A
Comment(s)	[†] AU2700/AU5400 only		¹ Transfer R1a into R1 and R2a into R2	

GENERAL CHEMISTRY

	Urea Nitrogen		Uric Acid	
	BUN		UA	
Abbreviation	BUN		UA	
Kit: AU400/AU640	OSR6134 (4 x 500 tests) OSR6234 (4 x 960 tests)		OSR6098 (4 x 200 tests) OSR6198 (4 x 500 tests) OSR6298 (4 x 705 tests)	
Kit: AU480/AU680/AU2700/ AU5400	OSR6134 (4 x 620 tests) OSR6234 (4 x 1230 tests) OSR6634 (4 x 4115 tests) [†]		OSR6098 (4 x 250 tests) OSR6198 (4 x 600 tests) OSR6298 (4 x 850 tests) OSR6698 (4 x 2265 tests) [†]	
Kit: AU5800	OSR6134 (4 x 610 tests) OSR6234 (4 x 1230 tests)		OSR6098 (4 x 320 tests) OSR6198 (4 x 800 tests) OSR6298 (4 x 1140 tests)	
Calibrator Part Number	Serum/Plasma: DR0070-2, Urine: DR0090		Serum/Plasma: DR0070-2, Urine: DR0090	
Control Name (Part Number)	No specific recommendation		Serum/Plasma: No specific recommendation Urine: No specific recommendation	
Measurement Principle	Urease GLDH		Uricase	
Reaction Type	Rate		End	
Primary Wavelength	340 nm		660 nm	
Measuring Points	12, 18		0, 27/0, 10	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	30 days		30 days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	14 days; AU5800: 7 days		30 days	
Compatible Anticoagulants	EDTA, Lithium Heparin, Sodium Heparin		Heparin	
Reagent Volume				
AU400/AU640	R1 = 50 µL, R2 = 50 µL		R1 = 60 µL, R2 = 25 µL	
AU480/AU680/AU2700/ AU5400	R1 = 40 µL, R2 = 40 µL		R1 = 48 µL, R2 = 20 µL	
AU5800	R1 = 40 µL, R2 = 40 µL		Serum/Plasma: R1 = 36 µL, R2 = 15 µL Urine: R1 = 48 µL, R2 = 20 µL	
Sample Type	Serum/Plasma/Urine		Serum/Plasma/Urine	
Sample Size (AU400/AU640)	Serum/Plasma: 2.5 µL Urine: 3 µL of a 1/10 CSF: N/A		Serum/Plasma: 7 µL Urine: 2 µL CSF: N/A	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: 2 µL Urine: 2 µL of a 1/10 CSF: N/A		Serum/Plasma: 5.6 µL Urine: 1.6 µL CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 2 µL Urine: 2 µL of a 1/10 CSF: N/A		Serum/Plasma: 4.2 µL Urine: 1.6 µL CSF: N/A	
Analytical Range	Serum/Plasma: 2-130 mg/dL Urine: 20-1300 mg/dL CSF: N/A	SI Units Serum/Plasma: 0.7-46.4 mmol/L Urine: 7-464 mmol/L CSF: N/A	Serum/Plasma: 1.5-30 mg/dL Urine: 1-100 mg/dL CSF: N/A	SI Units Serum/Plasma: 89-1785 µmol/L Urine: 60-5950 µmol/24 hrs CSF: N/A
Reference Interval	Serum/Plasma: 7-25 mg/dL Urine: 7-16 g/24 hrs CSF: N/A	Serum/Plasma: 2.5-8.9 mmol/L Urine: 250-571 mmol/24 hrs CSF: N/A	Serum/Plasma: 2.3-7.6 mg/dL Urine: 250-800 mg/24 hrs CSF: N/A	Serum/Plasma: 137-452 µmol/L Urine: 1488-4760 µmol/24 hrs CSF: N/A
Precision Specification	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 3% CV Urine: < 5% CV CSF: N/A	Serum/Plasma: < 3% CV Urine: < 5% CV CSF: N/A
Comment(s)	[†] AU2700/AU5400 only		[†] AU2700/AU5400 only	

GENERAL CHEMISTRY

Urinary/CSF Protein

Abbreviation	UCSFP	
Kit: AU400/AU640	OSR6170 (4 x 100 tests) OSR6270 (4 x 270 tests)	
Kit: AU480/AU680/AU2700/ AU5400	OSR6170 (4 x 125 tests) OSR6270 (4 x 330 tests)	
Kit: AU5800	OSR6170 (4 x 165 tests) OSR6270 (4 x 425 tests)	
Calibrator Part Number	DR0090	
Control Name (Part Number)	No specific recommendation	
Measurement Principle	Pyrogallol Red	
Reaction Type	End	
Primary Wavelength	600 nm	
Measuring Points	0, 10	
Liquid or Lyophilized	Liquid	
Onboard Stability	90 days	
Storage Temperature	+2 to +8°C	
Calibration Frequency	90 days	
Compatible Anticoagulants	N/A	
Reagent Volume		
AU400/AU640	R1 = 190 µL	
AU480/AU680/AU2700/ AU5400	R1 = 152 µL	
AU5800	R1 = 114 µL	
Sample Type	Urine/CSF	
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 2 µL CSF: 2 µL	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: N/A Urine: 1.6 µL CSF: 1.6 µL	
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 1.2 µL CSF: 1.2 µL	
Analytical Range		SI Units
	Serum/Plasma: N/A Urine: 4-200 mg/dL CSF: 4-200 mg/dL	Serum/Plasma: N/A Urine: 0.04-2 g/L CSF: 0.04-2 g/L
Reference Interval		
	Serum/Plasma: N/A Urine: 50-80 mg/24 hrs at rest CSF: Adults: 15-45 mg/dL; Newborns: < 1 month: 15-130 mg/dL	Serum/Plasma: N/A Urine: 0.05-0.8 g/24 hrs at rest CSF: Adults: 0.15-0.45 g/L Newborns: < 1 month: 0.15-1.30 g/L
Precision Specification		
	Serum/Plasma: N/A Urine: < 5% CV CSF: < 5% CV	Serum/Plasma: N/A Urine: < 5% CV CSF: < 5% CV
Comment(s)		

PROTEINS - SEROLOGY

	Alpha-1-Acidglycoprotein		Alpha-1-Antitrypsin	
	AAG		AAT	
Abbreviation	AAG		AAT	
Kit: AU400/AU640	OSR6162 (4 x 100 tests)		OSR6163 (4 x 100 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSR6162 (4 x 120 tests)		OSR6163 (4 x 120 tests)	
Kit: AU5800	OSR6162 (4 x 160 tests)		OSR6163 (4 x 160 tests)	
Calibrator Part Number	ODR3023		ODR3023	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	Immunoturbidimetric		Immunoturbidimetric	
Reaction Type	End		End	
Primary Wavelength	660 nm		600 nm	
Measuring Points	0, 27/0, 10		0, 27/0, 10	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	90 days		90 days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	14 days		90 days	
Compatible Anticoagulants	N/A		N/A	
Reagent Volume				
AU400/AU640	R1 = 200 µL, R2 = 45 µL		R1 = 200 µL, R2 = 65 µL	
AU480/AU680/AU2700/AU5400	R1 = 160 µL, R2 = 36 µL		R1 = 160 µL, R2 = 52 µL	
AU5800	R1 = 120 µL, R2 = 27 µL		R1 = 120 µL, R2 = 39 µL	
Sample Type	Serum		Serum	
Sample Size (AU400/AU640)	Serum: 2 µL Urine: N/A CSF: N/A		Serum: 2 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum: 1.6 µL Urine: N/A CSF: N/A		Serum: 1.6 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum: 1.2 µL Urine: N/A CSF: N/A		Serum: 1.2 µL Urine: N/A CSF: N/A	
Analytical Range	Serum: 20-200 mg/dL Urine: N/A CSF: N/A	SI Units Serum: 0.2-2 g/L Urine: N/A CSF: N/A	Serum: 30-500 mg/dL Urine: N/A CSF: N/A	SI Units Serum: 0.3-5 g/L Urine: N/A CSF: N/A
Reference Interval	Serum: 44-113 mg/dL Urine: N/A CSF: N/A	Serum: 0.44-1.13 g/L Urine: N/A CSF: N/A	Serum: 84-218 mg/dL Urine: N/A CSF: N/A	Serum: 0.84-2.18 g/L Urine: N/A CSF: N/A
Precision Specification	Serum: < 10% CV Urine: N/A CSF: N/A	Serum: < 10% CV Urine: N/A CSF: N/A	Serum: < 10% CV Urine: N/A CSF: N/A	Serum: < 10% CV Urine: N/A CSF: N/A
Comment(s)				

PROTEINS - SEROLOGY

	Anti-Streptolysin O	Apolipoprotein A1		
Abbreviation	ASO	APO A1		
Kit: AU400/AU640	OSR6194 (4 x 280 tests)	OSR6142 (4 x 200 tests)		
Kit: AU480/AU680/AU2700/AU5400	OSR6194 AU480/AU680 (4 x 280 tests) AU2700/AU5400 (4 x 330 tests)	OSR6142 (4 X 250 tests)		
Kit: AU5800	OSR6194 (4 x 430 tests)	OSR6142 (4 x 330 tests)		
Calibrator Part Number	ODR3021	ODR3022		
Control Name (Part Number)	No specific recommendation	No specific recommendation		
Measurement Principle	Latex Particle Immunoturbidimetric	Immunoturbidimetric		
Reaction Type	Fixed	End		
Primary Wavelength	600 nm	540 nm		
Measuring Points	12, 16	0, 27/0, 10		
Liquid or Lyophilized	Liquid	Liquid		
Onboard Stability	60 days	90 days		
Storage Temperature	+2 to +8°C	+2 to +8°C		
Calibration Frequency	7 Days	90 Days		
Compatible Anticoagulants	N/A	N/A		
Reagent Volume				
AU400/AU640	R1 = 182 µL, R2 = 25 µL ¹	R1 = 65 µL, R2 = 65 µL		
AU480/AU680/AU2700/AU5400	R1 = 182 µL, R2 = 25 µL ¹	R1 = 52 µL, R2 = 52 µL		
AU5800	R1 = 109 µL, R2 = 15 µL ¹	R1 = 39 µL, R2 = 39 µL		
Sample Type	Serum	Serum		
Sample Size (AU400/AU640)	Serum: 2 µL Urine: N/A CSF: N/A	Serum: 2 µL Urine: N/A CSF: N/A		
Sample Size (AU480/AU680/AU2700/AU5400)	Serum: 2 µL Urine: N/A CSF: N/A	Serum: 1.6 µL Urine: N/A CSF: N/A		
Sample Size (AU5800)	Serum: 1.2 µL Urine: N/A CSF: N/A	Serum: 1.2 µL Urine: N/A CSF: N/A		
Analytical Range	Serum: 100-1000 IU/mL Urine: N/A CSF: N/A	SI Units Serum: 100-1000 IU/mL Urine: N/A CSF: N/A	Serum: 40-250 mg/dL Urine: N/A CSF: N/A	SI Units Serum: 0.4-2.5 g/L Urine: N/A CSF: N/A
Reference Interval	Serum: 0-250 IU/mL Urine: N/A CSF: N/A	Serum: 0-250 IU/mL Urine: N/A CSF: N/A	Serum: 100-200 mg/dL Urine: N/A CSF: N/A	Serum: 1-2 g/L Urine: N/A CSF: N/A
Precision Specification	Serum: < 10% CV Urine: N/A CSF: N/A	Serum: < 10% CV Urine: N/A CSF: N/A	Serum: < 10% CV Urine: N/A CSF: N/A	Serum: < 10% CV Urine: N/A CSF: N/A
Comment(s)	¹ Gently invert R2 5-10 times before placing on instrument and weekly thereafter			

PROTEINS - SEROLOGY

	Apolipoprotein B		Beta-2 Microglobulin	
Abbreviation	APO B		B2M	
Kit: AU400/AU640	OSR6143 (4 x 200 tests)		OSR6151 (4 x 100 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSR6143 (4 x 250 tests)		OSR6151 (4 x 130 tests)	
Kit: AU5800	OSR6143 (4 x 340 tests)		OSR6151 (4 x 150 tests)	
Calibrator Part Number	ODR3022		ODR3023	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	Immunoturbidimetric		Immunoturbidimetric	
Reaction Type	End		Fixed	
Primary Wavelength	340 nm		570 nm	
Measuring Points	0, 27/0, 10		12, 21	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	90 days		90 days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	7 Days		90 Days	
Compatible Anticoagulants	N/A		N/A	
Reagent Volume				
AU400/AU640	R1 = 65 µL, R2 = 35 µL		R1 = 100 µL, R2 = 80 µL	
AU480/AU680/AU2700/AU5400	R1 = 52 µL, R2 = 28 µL		R1 = 80 µL, R2 = 64 µL	
AU5800	R1 = 39 µL, R2 = 21 µL		R1 = 60 µL, R2 = 48 µL	
Sample Type	Serum		Serum	
Sample Size (AU400/AU640)	Serum: 2 µL Urine: N/A CSF: N/A		Serum: 2 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum: 1.6 µL Urine: N/A CSF: N/A		Serum: 1.6 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum: 1.2 µL Urine: N/A CSF: N/A		Serum: 1.2 µL Urine: N/A CSF: N/A	
Analytical Range	Serum: 40-200 mg/dL Urine: N/A CSF: N/A	SI Units Serum: 0.4-2.0 g/L Urine: N/A CSF: N/A	Serum: 0.05-1.6 mg/dL Urine: N/A CSF: N/A	SI Units Serum: 0.0005-0.016 g/L Urine: N/A CSF: N/A
Reference Interval	Serum: 50-155 mg/dL Urine: N/A CSF: N/A	Serum: 0.5-1.6 g/L Urine: N/A CSF: N/A	Serum: 0.097-0.184 mg/dL Urine: N/A CSF: N/A	Serum: 0.00097-0.00184 g/L Urine: N/A CSF: N/A
Precision Specification	Serum: < 10% CV Urine: N/A CSF: N/A	Serum: < 10% CV Urine: N/A CSF: N/A	Serum: < 10% CV Urine: N/A CSF: N/A	Serum: < 10% CV Urine: N/A CSF: N/A
Comment(s)				

PROTEINS - SEROLOGY

	Ceruloplasmin		Complement 3	
	CER		C3	
Abbreviation	CER		C3	
Kit: AU400/AU640	OSR6164 (4 x 100 tests)		OSR6159 (4 x 200 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSR6164 (4 x 100 tests)		OSR6159 (4 x 260 tests)	
Kit: AU5800	OSR6164 (4 x 120 tests)		OSR6159 (4 x 320 tests)	
Calibrator Part Number	ODR3023		ODR3021	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	Immunoturbidimetric		Immunoturbidimetric	
Reaction Type	End		End	
Primary Wavelength	340 nm		380 nm	
Measuring Points	0, 27/0, 10		0, 27/0, 10	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	90 Days		90 Days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	14 Days		90 Days	
Compatible Anticoagulants	Heparin		N/A	
Reagent Volume				
AU400/AU640	R1 = 180 µL, R2 = 50 µL		R1 = 50 µL, R2 = 40 µL	
AU480/AU680/AU2700/AU5400	R1 = 180 µL, R2 = 50 µL		R1 = 40 µL, R2 = 32 µL	
AU5800	R1 = 158 µL, R2 = 44 µL		R1 = 30 µL, R2 = 24 µL	
Sample Type	Serum/Plasma		Serum	
Sample Size (AU400/AU640)	Serum/Plasma: 2 µL Urine: N/A CSF: N/A		Serum: 2 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 2 µL Urine: N/A CSF: N/A		Serum: 1.6 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 1.8 µL Urine: N/A CSF: N/A		Serum: 1.2 µL Urine: N/A CSF: N/A	
Analytical Range	Serum/Plasma: 60-2000 mg/L Urine: N/A CSF: N/A	SI Units Serum/Plasma: 6-200 mg/dL Urine: N/A CSF: N/A	Serum: 15-500 mg/dL Urine: N/A CSF: N/A	SI Units Serum: 0.15-5.0 g/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: 180-580 mg/L Urine: N/A CSF: N/A	Serum/Plasma: 18-58 mg/dL Urine: N/A CSF: N/A	Serum: 87-200 mg/dL Urine: N/A CSF: N/A	Serum: 0.87-2.0 g/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum: < 5% CV Urine: N/A CSF: N/A	Serum: < 5% CV Urine: N/A CSF: N/A
Comment(s)				

PROTEINS - SEROLOGY

	Complement 4		C-Reactive Protein	
	C4		CRP	
Abbreviation	C4		CRP	
Kit: AU400/AU640	OSR6160 (4 x 200 tests)		OSR6147 (4 x 200 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSR6160 (4 x 260 tests)		OSR6147 AU480/AU680 (4 x 200 tests) AU2700/AU5400 (4 x 300 tests)	
Kit: AU5800	OSR6160 (4 x 320 tests)		OSR6147 (4 x 300 tests)	
Calibrator Part Number	ODR3021		ODR3021	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	Immunoturbidimetric		Immunoturbidimetric	
Reaction Type	End		Fixed	
Primary Wavelength	340 nm		340 nm	
Measuring Points	0, 27/0, 10		11, 27	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	90 Days		90 Days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	90 Days		90 Days	
Compatible Anticoagulants	N/A		N/A	
Reagent Volume				
AU400/AU640	R1 = 50 µL, R2 = 40 µL		R1 = 70 µL, R2 = 30 µL	
AU480/AU680/AU2700/AU5400	R1 = 40 µL, R2 = 32 µL		AU480/AU680: R1 = 70 µL, R2 = 30 µL AU2700/AU5400: R1 = 47 µL, R2 = 20 µL	
AU5800	R1 = 30 µL, R2 = 24 µL		R1 = 47 µL, R2 = 20 µL	
Sample Type	Serum		Serum	
Sample Size (AU400/AU640)	Serum: 2 µL Urine: N/A CSF: N/A		Serum: 18 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum: 1.6 µL Urine: N/A CSF: N/A		Serum: AU480/680: 18 µL; AU2700/AU5400: 15 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum: 1.2 µL Urine: N/A CSF: N/A		Serum: 11.9 µL Urine: N/A CSF: N/A	
Analytical Range	Serum: 8-150 mg/dL Urine: N/A CSF: N/A	SI Units Serum: 0.08-1.50 g/L Urine: N/A CSF: N/A	Serum: 5-300 mg/L Urine: N/A CSF: N/A	SI Units Serum: 0.5-30 mg/dL Urine: N/A CSF: N/A
Reference Interval	Serum: 19-52 mg/dL Urine: N/A CSF: N/A	Serum: 0.19-0.52 g/L Urine: N/A CSF: N/A	Serum: < 5 mg/L Urine: N/A CSF: N/A	Serum: < 0.5 mg/dL Urine: N/A CSF: N/A
Precision Specification	Serum: < 5% CV Urine: N/A CSF: N/A	Serum: < 5% CV Urine: N/A CSF: N/A	< 5% CV or SD ≤ 1 mg/L ¹	< 5% CV or SD ≤ 0.1 mg/L ¹
Comment(s)	¹ Use the greater number			

PROTEINS - SEROLOGY

	C-Reactive Protein		C-Reactive Protein, High Sensitivity	
Abbreviation	CRPN		CRPHS	
Kit: AU400/AU640	OSR6199 (4 x 190 tests)		OSR6199 (4 x 360 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSR6199 (4 x 230 tests)		OSR6199 (4 x 380 tests)	
Kit: AU5800	OSR6199 (4 x 300 tests)		OSR6199 (4 x 440 tests)	
Calibrator Part Number	ODC0026		ODC0027	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	Latex Particle Immunoturbidimetric		Latex Particle Immunoturbidimetric	
Reaction Type	Fixed		Fixed	
Primary Wavelength	570 nm		570 nm	
Measuring Points	12, 22		12, 22	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	90 Days		90 Days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	90 Days		90 Days	
Compatible Anticoagulants	EDTA, Lithium Heparin		EDTA, Lithium Heparin	
Reagent Volume				
AU400/AU640	R1 = 150 µL, R2 = 150 µL ²		R1 = 75 µL, R2 = 75 µL	
AU480/AU680/AU2700/AU5400	R1 = 120 µL, R2 = 120 µL ²		AU480/AU680: R1=75 µl R2 = 75 µl; AU2700/AU5400 R1 = 70 µl, R2 = 70 µl	
AU5800	R1 = 90 µL, R2 = 90 µL ²		R1 = 55 µL, R2 = 55 µL	
Sample Type	Serum/Plasma		Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 2 µL Urine: N/A CSF: N/A		Serum/Plasma: 3 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 1.6 µL Urine: N/A CSF: N/A		Serum/Plasma: AU480/680: 3.0 µL; AU2700/AU5400: 3.5 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 1.2 µL Urine: N/A CSF: N/A		Serum/Plasma: 2.2 µL Urine: N/A CSF: N/A	
Analytical Range	Serum/Plasma: 1-480 mg/L Urine: N/A CSF: N/A	SI Units Serum/Plasma: 0.1-48 mg/dL Urine: N/A CSF: N/A	Serum/Plasma: AU400/480/640/680: 0.2-160 mg/L AU2700/5400/5800: 0.02-80 mg/L Urine: N/A CSF: N/A	SI Units Serum/Plasma: AU400/480/640/680: 0.02-16 mg/dL AU2700/5400/5800: 0.02-8 mg/dL Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: < 10 mg/L Urine: N/A CSF: N/A	Serum/Plasma: < 1 mg/dL Urine: N/A CSF: N/A	Serum/Plasma: < 10 mg/L Urine: N/A CSF: N/A	Serum/Plasma: < 1 mg/L Urine: N/A CSF: N/A
Precision Specification	≤10% CV or SD ≤ 0.25 mg/L ¹	≤ 10% CV or SD ≤ 0.025 mg/dL ¹	< 10% CV or SD ≤ 0.02 mg/L ¹	≤ 10% CV or SD ≤ 0.002 mg/dL ¹
Comment(s)	¹ Use the greater number ² Gently invert R2 5-10 times before placing on instrument and weekly thereafter		¹ Use the greater number	

PROTEINS - SEROLOGY

	Ferritin		Haptoglobin	
	FERR		HAPT	
Abbreviation	FERR		HAPT	
Kit: AU400/AU640	OSR61203 (4 x 200 tests)		OSR6165 (4 x 100 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSR61203 (4 x 200 tests)		OSR6165 (4 x 135 tests)	
Kit: AU5800	OSR61203 (4 x 250 tests)		OSR6165 (4 x 170 tests)	
Calibrator Part Number	ODR3021		ODR3023	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	Latex Particle Immunoturbidimetric		Immunoturbidimetric	
Reaction Type	Fixed		End	
Primary Wavelength	660 nm		600 nm	
Measuring Points	12, 22		0, 27/0, 10	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	60 Days		90 Days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	30 Days		90 Days	
Compatible Anticoagulants	EDTA, Lithium Heparin		N/A	
Reagent Volume				
AU400/AU640	R1 = 120 µL, R2 = 60 µL ¹		R1 = 165 µL, R2 = 45 µL	
AU480/AU680/AU2700/AU5400	R1 = 120 µL, R2 = 60 µL ¹		AU480/AU680: R1 = 132 µL, R2 = 36 µL AU2700/AU5400: 165 µL, 45 µL	
AU5800	R1 = 90 µL, R2 = 45 µL ¹		R1 = 99 µL, R2 = 27 µL	
Sample Type	Serum/Plasma		Serum	
Sample Size (AU400/AU640)	Serum/Plasma: 6 µL Urine: N/A CSF: N/A		Serum: 2 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 6 µL Urine: N/A CSF: N/A		Serum: 1.6 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 4.5 µL Urine: N/A CSF: N/A		Serum: 1.2 µL Urine: N/A CSF: N/A	
Analytical Range	Serum/Plasma: 8-450 ng/mL Urine: N/A CSF: N/A	SI Units Serum/Plasma: 8-450 µg/L Urine: N/A CSF: N/A	Serum: 30-400 mg/dL Urine: N/A CSF: N/A	SI Units Serum: 0.3-4.0 g/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: Male: 16-243 ng/mL Female: 10-158 ng/mL Urine: N/A CSF: N/A	Serum/Plasma: Male: 16-243 µg/L Female: 10-158 µg/L Urine: N/A CSF: N/A	Serum: Adults: 44-215 mg/dL Urine: N/A CSF: N/A	Serum: 0.44-2.15 g/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: < 11% CV Urine: N/A CSF: N/A	Serum/Plasma: < 11% CV Urine: N/A CSF: N/A	Serum: < 10% CV Urine: N/A CSF: N/A	Serum: < 10% CV Urine: N/A CSF: N/A
Comment(s)	¹ Gently invert R2 5-10 times before placing on instrument and weekly thereafter			

PROTEINS - SEROLOGY

	Immunoglobulin A		Immunoglobulin G	
Abbreviation	IGA		IGG	
Kit: AU400/AU640	OSR61171 (4 x 200 tests)		OSR61172 (4 x 200 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSR61171 (4 x 250 tests)		OSR61172 (4 x 250 tests)	
Kit: AU5800	OSR61171 (4 x 320 tests)		OSR61172 (4 x 370 tests)	
Calibrator Part Number	ODR3021		ODR3021	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	Immunoturbidimetric		Immunoturbidimetric	
Reaction Type	End		End	
Primary Wavelength	600 nm		Serum/Plasma: 600 nm, CSF: 340 nm	
Measuring Points	0, 27/0, 10		0, 23/0, 10	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	90 Days		90 Days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	90 Days		Serum/Plasma: 90 days, CSF: 2 days	
Compatible Anticoagulants	EDTA, Lithium Heparin		EDTA, Lithium Heparin	
Reagent Volume				
AU400/AU640	R1 = 70 µL, R2 = 55 µL		Serum/Plasma: R1 = 110 µL, R2 = 100 µL CSF: R1 = 110 µL, R2 = 68 µL	
AU480/AU680/AU2700/AU5400	R1 = 56 µL, R2 = 44 µL		Serum/Plasma: R1 = 88 µL, R2 = 80 µL CSF: R1 = 110 µL, R2 = 68 µL	
AU5800	R1 = 42 µL, R2 = 33 µL		Serum/Plasma: R1 = 55 µL, R2 = 50 µL CSF: R1 = 88 µL, R2 = 54 µL	
Sample Type	Serum/Plasma		Serum/Plasma/CSF	
Sample Size (AU400/AU640)	Serum/Plasma: 2 µL Urine: N/A CSF: N/A		Serum/Plasma: 2 µL Urine: N/A CSF: 10 µL	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 1.6 µL Urine: N/A CSF: N/A		Serum/Plasma: 1.6 µL Urine: N/A CSF: 10 µL	
Sample Size (AU5800)	Serum/Plasma: 1.2 µL Urine: N/A CSF: N/A		Serum/Plasma: 1 µL Urine: N/A CSF: 8 µL	
Analytical Range	Serum/Plasma: 10-700 mg/dL Urine: N/A CSF: N/A	SI Units Serum/Plasma: 0.1-7.0 g/L Urine: N/A CSF: N/A	Serum/Plasma: 75-3000 mg/dL Urine: N/A CSF: 2-50 mg/dL	SI Units Serum/Plasma: 0.75-30 g/L Urine: N/A CSF: 0.02-0.50 g/L
Reference Interval	Serum/Plasma: 66-433 mg/dL Urine: N/A CSF: N/A	Serum/Plasma: 0.66-4.33 g/L Urine: N/A CSF: N/A	Serum/Plasma: 635-1741 mg/dL Urine: N/A CSF: 15-20 years: 3.5 mg/dL ± 2.0 mg/dL 21-40 years: 4.2 mg/dL ± 1.4 mg/dL 41-60 years: 4.7 mg/dL ± 1.0 mg/dL	Serum/Plasma: 6.35-17.41 g/L Urine: N/A CSF: 15-20 years: 0.035 g/L ± 0.02 g/L 21-40 years: 0.042 g/L ± 0.014 g/L 41-60 years: 0.047 g/L ± 0.01 g/L
Precision Specification	Serum/Plasma: < 8% CV Urine: N/A CSF: N/A	Serum/Plasma: < 8% CV Urine: N/A CSF: N/A	Serum/Plasma: < 7.5% CV or SD < 0.5 mg/dL ¹ Urine: N/A CSF: < 6%	Serum/Plasma: < 7.5% CV or SD < 0.005 g/L ¹ Urine: N/A CSF: < 6%
Comment(s)	¹ Use the greater number			

PROTEINS - SEROLOGY

	Immunoglobulin M		Microalbumin	
	IGM		MALB	
Abbreviation	IGM		MALB	
Kit: AU400/AU640	OSR61173 (4 x 200 tests)		OSR6167 (4 x 100 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSR61173 (4 x 250 tests)		OSR6167 (4 x 100 tests)	
Kit: AU5800	OSR61173 (4 x 320 tests)		OSR6167 (4 x 205 tests)	
Calibrator Part Number	ODR3021		ODR3024	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	Immunoturbidimetric		Immunoturbidimetric	
Reaction Type	End		End	
Primary Wavelength	340 nm		340 nm	
Measuring Points	0, 27/0, 10		0, 27/0, 10	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	90 Days		90 Days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	90 Days		90 Days	
Compatible Anticoagulants	EDTA, Lithium Heparin		N/A	
Reagent Volume				
AU400/AU640	R1 = 70 µL, R2 = 55 µL		R1 = 150 µL, R2 = 50 µL	
AU480/AU680/AU2700/AU5400	R1 = 56 µL, R2 = 44 µL		R1 = 120 µL, R2 = 40 µL	
AU5800	R1 = 42 µL, R2 = 33 µL		R1 = 90 µL, R2 = 30 µL	
Sample Type	Serum/Plasma		Urine	
Sample Size (AU400/AU640)	Serum/Plasma: 2 µL Urine: N/A CSF: N/A		Serum/Plasma: N/A Urine: 5 µL CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 1.6 µL Urine: N/A CSF: N/A		Serum/Plasma: N/A Urine: 4 µL CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 1.2 µL Urine: N/A CSF: N/A		Serum/Plasma: N/A Urine: 6 µL CSF: N/A	
Analytical Range	Serum/Plasma: 20-500 mg/dL Urine: N/A CSF: N/A	SI Units Serum/Plasma: 0.2-5.0 g/L Urine: N/A CSF: N/A	Serum/Plasma: N/A Urine: 0.5-30 mg/dL CSF: N/A	SI Units Serum/Plasma: N/A Urine: 0.005-0.30 g/L CSF: N/A
Reference Interval	Serum/Plasma: 45-281 mg/dL Urine: N/A CSF: N/A	Serum/Plasma: 0.45-2.81 g/L Urine: N/A CSF: N/A	Serum/Plasma: N/A Urine: < 30 mg/24 hrs CSF: N/A	Serum/Plasma: N/A Urine: < 0.03 g/24 hrs CSF: N/A
Precision Specification	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: N/A Urine: < 10% CV CSF: N/A	Serum/Plasma: N/A Urine: < 10% CV CSF: N/A
Comment(s)				

PROTEINS - SEROLOGY

	Prealbumin		Rheumatoid Factor	
Abbreviation	PALB		RF	
Kit: AU400/AU640	OSR6175 (4 x 100 tests)		OSR61105 (4 x 200 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSR6175 (4 x 120 tests)		OSR61105 (4 x 250 tests)	
Kit: AU5800	OSR6175 (4 x 170 tests)		OSR61105 (4 x 240 tests)	
Calibrator Part Number	ODR3029		ODC0028	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	Immunoturbidimetric		Latex Particle Immunoturbidimetric	
Reaction Type	End		Fixed	
Primary Wavelength	340 nm		660 nm	
Measuring Points	0, 27/0, 10		12, 19	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	90 Days		60 Days	
Storage Temperature	2 - 8°C		2 - 8°C	
Calibration Frequency	90 Days		30 Days	
Compatible Anticoagulants	N/A		EDTA, Lithium Heparin	
Reagent Volume				
AU400/AU640	R1 = 150 µL, R2 = 65 µL		R1 = 120 µL, R2 = 40 µL ¹	
AU480/AU680/AU2700/AU5400	R1 = 120 µL, R2 = 52 µL		R1 = 96 µL, R2 = 32 µL ¹	
AU5800	R1 = 90 µL, R2 = 39 µL		R1 = 96 µL, R2 = 32 µL ¹	
Sample Type	Serum		Serum/Plasma	
Sample Size (AU400/AU640)	Serum: 3 µL Urine: N/A CSF: N/A		Serum/Plasma: 3 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum: 2.4 µL Urine: N/A CSF: N/A		Serum/Plasma: 2.6 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum: 1.8 µL Urine: N/A CSF: N/A		Serum/Plasma: 2.6 µL Urine: N/A CSF: N/A	
Analytical Range		SI Units		SI Units
	Serum: 3-80 mg/dLA Urine: N/A CSF: N/A	Serum: 0.03-0.80 g/L Urine: N/A CSF: N/A	Serum/Plasma: 10-120 IU/L Urine: N/A CSF: N/A	Serum/Plasma: 10-120 IU/L Urine: N/A CSF: N/A
Reference Interval				
	Serum: 17-34 mg/dL Urine: N/A CSF: N/A	Serum: 0.17-0.34 g/L Urine: N/A CSF: N/A	Serum/Plasma: ≤ 14 IU/mL Urine: N/A CSF: N/A	Serum/Plasma: ≤ 14 IU/mL Urine: N/A CSF: N/A
Precision Specification				
	Serum: < 10% CVA Urine: N/A CSF: N/A	Serum: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A
Comment(s)	¹ Gently invert R2 5-10 times before placing on instrument and weekly thereafter			

PROTEINS - SEROLOGY

Transferrin

Abbreviation	TRF	
Kit: AU400/AU640	OSR6152 (4 x 200 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSR61105 (4 x 270 tests)	
Kit: AU5800	OSR6152 (4 x 330 tests)	
Calibrator Part Number	ODR3021	
Control Name (Part Number)	No specific recommendation	
Measurement Principle	Immunoturbidimetric	
Reaction Type	End	
Primary Wavelength	380 nm	
Measuring Points	0, 27/0, 10	
Liquid or Lyophilized	Liquid	
Onboard Stability	90 Days	
Storage Temperature	2 to 8°C	
Calibration Frequency	90 Days	
Compatible Anticoagulants	N/A	
Reagent Volume		
AU400/AU640	R1 = 35 µL, R2 = 40 µL	
AU480/AU680/AU2700/AU5400	R1 = 28 µL, R2 = 32 µL	
AU5800	R1 = 21 µL, R2 = 24 µL	
Sample Type	Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 2 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 1.6 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 1.2 µL Urine: N/A CSF: N/A	
	SI Units	
Analytical Range	Serum/Plasma: 75-750 mg/dL Urine: N/A CSF: N/A	Serum/Plasma: 0.75-7.5 g/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: 203-362 mg/dL Urine: N/A CSF: N/A	Serum/Plasma: 2.0-3.6 g/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A
Comment(s)		

ESOTERIC S

	Ammonia	Cholinesterase	
Abbreviation	AMMON	CHE	
Kit: AU400/AU640	OSR61154 (2 x 106 tests)	OSR6114 (4 x 200 tests)	
Kit: AU480/AU680/AU2700/ AU5400	OSR61154 (2 x 106 tests)	OSR6114 (4 x 180 tests)	
Kit: AU5800	OSR61154 (2 x 106 tests)	OSR6114 (4 x 300 tests)	
Calibrator Part Number	Included	N/A	
Control Name (Part Number)	No specific recommendation	No specific recommendation	
Measurement Principle	Enzymatic Glutamate Dehydrogenase	Butyrylthiocholine	
Reaction Type	Fixed	Rate	
Primary Wavelength	340 nm	410 nm	
Measuring Points	2, 7	16, 20	
Liquid or Lyophilized	Liquid	Liquid	
Onboard Stability	14 Days	30 Days	
Storage Temperature	+2 to +8°C	+2 to +8°C	
Calibration Frequency	7 Days	N/A	
Compatible Anticoagulants	EDTA, Lithium Heparin	Heparin, EDTA	
Reagent Volume			
AU400/AU640	R1* = 150 µL	R1 = 150 µL, R2 = 30 µL	
AU480/AU680/AU2700/ AU5400	R1* = 125 µL	R1 = 150 µL, R2 = 30 µL	
AU5800	R1* = 85 µL	R1 = 90 µL, R2 = 18 µL	
Sample Type	Plasma	Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 30 µL Urine: N/A CSF: N/A	Serum/Plasma: 3 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: 25 µL Urine: N/A CSF: N/A	Serum/Plasma: 3 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 17 µL Urine: N/A CSF: N/A	Serum/Plasma: 1.8 µL Urine: N/A CSF: N/A	
		SI Units	SI Units
Analytical Range	Serum/Plasma: 17-1020 µg/dL Urine: N/A CSF: N/A	Serum/Plasma: 10-600 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: 1-15 kU/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: 25-90 µg/dL Urine: N/A CSF: N/A	Serum/Plasma: 16-53 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: 82-198 µkat/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 10% CV Urine: N/A CSF: N/A
Comment(s)	*Protect R1 from light Not available in Puerto Rico		

ESOTERICS

	Creatine Kinase MB	D-Dimer	
Abbreviation	CK-MB	DDIM	
Kit: AU400/AU640	OSR61155 (2 x 200 tests)	OSR60135 (2 x 100 tests)	
Kit: AU480/AU680/AU2700/ AU5400	OSR61155 (2 x 230 tests)	OSR60135 (2 x 100 tests)	
Kit: AU5800	OSR61155 (4 x 230 tests)	OSR60135 (2 x 120 tests)	
Calibrator Part Number	N/A	ODR3033	
Control Name (Part Number)	No specific recommendation	D-Dimer Control Levels 1 & 2 (ODC0029)	
Measurement Principle	Immuno-inhibition UV/NADP	Immunoturbidimetric	
Reaction Type	Rate	Fixed	
Primary Wavelength	340 nm	800 nm	
Measuring Points	21, 27	13, 27	
Liquid or Lyophilized	Liquid	Liquid	
Onboard Stability	30 Days	30 Days	
Storage Temperature	+2 to +8°C	+2 to +8°C	
Calibration Frequency	N/A	30 days	
Compatible Anticoagulants	Heparin	Citrated Plasma, Lithium Heparin ²	
Reagent Volume			
AU400/AU640	R1 = 120 µL, R2 = 30 µL ²	R1 = 125 µL, R2 = 125 µL ¹	
AU480/AU680/AU2700/ AU5400	R1 = 100 µL, R2 = 25 µL ²	R1 = 125 µL, R2 = 125 µL ¹	
AU5800	R1 = 100 µL, R2 = 25 µL ²	R1 = 100 µL, R2 = 100 µL ¹	
Sample Type	Serum/Plasma	Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 6 µL Urine: N/A CSF: N/A	Plasma: 7 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: 5 µL Urine: N/A CSF: N/A	Plasma: 7 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 5 µL Urine: N/A CSF: N/A	Plasma: 5.6 µL Urine: N/A CSF: N/A	
Analytical Range	Serum/Plasma: 10-2000 U/L Urine: N/A CSF: N/A	SI Units Serum/Plasma: 0.17-33.3 µkat/L Urine: N/A CSF: N/A	SI Units Plasma: 0.25-8.0 µg FEU/mL Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: 0-10 U/L Urine: N/A CSF: N/A	Serum/Plasma: 0-0.167 µkat/L Urine: N/A CSF: N/A	Plasma: < 0.50 µg FEU/mL Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: < 6.5% CV or SD ≤ 3 U/L ¹ Urine: N/A CSF: N/A	Serum/Plasma: < 6.5% CV or SD ≤ 0.05 µkat/L ¹ Urine: N/A CSF: N/A	Plasma: < 10% CV Urine: N/A CSF: N/A
Comment(s)	¹ Use the greater number ² Transfer R1-2 into R1-1		¹ Invert R2 gently before use and on a weekly basis thereafter ² D-Dimer values in heparin plasma are on average 16% higher than citrated plasma over the entire measuring range

ESOTERICS

	Hemoglobin A1c (IFCC/NGSP)		Lactate	
	HbA1c		LAC	
Abbreviation	HbA1c		LAC	
Kit: AU400/AU640	OSR6192 (2 x 250 tests)		OSR6193 (4 x 45 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSR6192 (2 x 280 tests)		OSR6193 (4 x 55 tests)	
Kit: AU5800	OSR6192 (2 x 340 tests)		OSR6193 (4 x 75 tests)	
Calibrator Part Number	ODR3032		DR0070-2	
Control Name (Part Number)	HbA1c Control (ODC0022)		No specific recommendation	
Measurement Principle	Turbidimetric Immuno-inhibition		Enzymatic	
Reaction Type	THb: End; HbA1c: Fixed		Fixed	
Primary Wavelength	THb: 600 nm; HbA1c: 700nm		540 nm	
Measuring Points	THb: 0, 27 HbA1c: 13, 22		1, 15	
Liquid or Lyophilized	Liquid		Lyophilized	
Onboard Stability	30 Days		30 Days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	14 Days		30 Days	
Compatible Anticoagulants	K ₂ EDTA, NH ₄ Heparinized Whole Blood		Sodium Fluoride, Potassium Oxalate	
Reagent Volume				
AU400/AU640	THb: R1 = 150 µL, HbA1c: R1 = 76 µL, R2 = 76 µL ²		R1 = 200 µL	
AU480/AU680/AU2700/AU5400	THb: R1 = 130 µL HbA1c: R1 = 65 µL, R2 = 65 µL ²		R1 = 160 µL	
AU5800	THb: R1 = 104 µL HbA1c: R1 = 52 µL, R2 = 52 µL ²		R1 = 120 µL	
Sample Type	Pre-treated Whole Blood		Plasma/CSF	
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: N/A CSF: N/A Other: THb: 11.0 µL ¹ , HbA1c: 3.5 µL ¹		Serum/Plasma: 2 µL Urine: N/A CSF: 2 µL	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: N/A CSF: N/A Other: THb: 9.5 µL ¹ , HbA1c: 3 µL ¹		Serum/Plasma: 1.6 µL Urine: N/A CSF: 1.6 µL	
Sample Size (AU5800)	Serum/Plasma: N/A Urine: N/A CSF: N/A Other: THb: 7.6 µL ¹ ; HbA1c: 2.4 µL ¹		Serum/Plasma: 1.2 µL Urine: N/A CSF: 1.2 µL	
		SI Units		SI Units
Analytical Range	Serum/Plasma: N/A Urine: N/A CSF: N/A Other: 2.6% - highest calibrator	Serum/Plasma: N/A Urine: N/A CSF: N/A Other: 2.6% - highest calibrato	Serum/Plasma: 2-90 mg/dL Urine: N/A CSF: 2-90 mg/dL	Serum/Plasma: 0.2-10 mmol/L Urine: N/A CSF: 0.2-10 mmol/L
Reference Interval	Serum/Plasma: N/A Urine: N/A CSF: N/A Other: HbA1c: 4-6.2%	Serum/Plasma: N/A Urine: N/A CSF: N/A Other: HbA1c: 4-6.2%	Serum/Plasma: 4.5-19.8 mg/dL Urine: N/A CSF: Neonate: 10-60 mg/dL; 3-10 days old: 10-40 mg/dL; > 10 days old: 10-25 mg/dL; Adult: 10-22 mg/dL	Serum/Plasma: 0.5-2.2 mmol/L Urine: N/A CSF: Neonate: 1.1-6.7 mmol/L; 3-10 days old: 1.1-4.4 mmol/L; > 10 days old: 1.1-2.8 mmol/L; Adult: 1.1-2.4 mmol/L
Precision Specification	Serum/Plasma: ≤ 4% CV Urine: N/A CSF: N/A	Serum/Plasma: ≤ 4% CV Urine: N/A CSF: N/A	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A
Comment(s)	¹ Whole blood values ² Gently invert R2 5-10 times before placing on instrument and weekly thereafter			

ESOTERIC S

Lithium

Abbreviation	Li	
Kit: AU400/AU640	OSRT056 (2 x 113 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSRT056 (2 x 113 tests)	
Kit: AU5800	OSRT056 (2 x 113 tests)	
Calibrator Part Number	Included	
Control Name (Part Number)	No specific recommendation	
Measurement Principle	Colorimetric/Endpoint	
Reaction Type	End	
Primary Wavelength	520 nm	
Measuring Points	0, 6	
Liquid or Lyophilized	Liquid	
Onboard Stability	14 Days	
Storage Temperature	+2 to +8°C	
Calibration Frequency	7 Days	
Compatible Anticoagulants	EDTA	
Reagent Volume		
AU400/AU640	R1 = 150 µL	
AU480/AU680/AU2700/AU5400	R1 = 150 µL	
AU5800	R1 = 150 µL	
Sample Type	Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 2 µL of a 1/10 Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 2 µL of a 1/10 Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 2 µL of a 1/10 Urine: N/A CSF: N/A	
Analytical Range		SI Units
	Serum/Plasma: 0.1-5 mmol/L Urine: N/A CSF: N/A	Serum/Plasma: 0.1-5 mEq/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: 1-1.2 mmol/L (trough) Urine: N/A CSF: N/A	Serum/Plasma: 1-1.2 mEq/L (trough) Urine: N/A CSF: N/A
	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 5% CV Urine: N/A CSF: N/A
Precision Specification		
Comment(s)	Not available in Puerto Rico	

THYROIDS

	Thyroxine		T-Uptake	
Abbreviation	T4		TUP	
Kit: AU400/AU640	0454 (510 tests)		0723 (510 tests)	
Kit: AU480/AU680/AU2700/AU5400	0454 (510 tests)		0723 (510 tests)	
Kit: AU5800	0454 (510 tests)		0723 (510 tests)	
Calibrator Part Number	0476		0738	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	Homogenous Enzymatic Immunoassay		Homogenous Enzymatic Immunoassay	
Reaction Type	Fixed 1		Fixed 1	
Primary Wavelength	340 nm		340 nm	
Measuring Points	14, 20		14, 20	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	60 Days		60 Days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	14 Days		14 Days	
Compatible Anticoagulants	Heparin, Citrate, Oxalate, EDTA		Heparin, Citrate, Oxalate, EDTA	
Reagent Volume				
AU400/AU640	R1 = 180, R2 = 60		R1 = 180, R2 = 60	
AU480/AU680/AU2700/AU5400	R1 = 180, R2 = 60		R1 = 180, R2 = 60	
AU5800	R1 = 135, R2 = 45		R1 = 135, R2 = 45	
Sample Type	Serum/Plasma		Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 4 µL Urine: N/A CSF: N/A		Serum: 8 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 4 µL Urine: N/A CSF: N/A		Serum: 8 µL Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 3 µL Urine: N/A CSF: N/A		Serum: 6 µL Urine: N/A CSF: N/A	
		SI Units		SI Units
Analytical Range	Serum/Plasma: 0.7-20 µg/dL Urine: N/A CSF: N/A	Serum/Plasma: 9-257 nmol/L Urine: N/A CSF: N/A	Serum/Plasma: 15-50% Urine: N/A CSF: N/A	Serum/Plasma: 15-50% Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: 4.5-12 µg/dL Urine: N/A CSF: N/A	Serum/Plasma: 58-154 nmol/L Urine: N/A CSF: N/A	Serum/Plasma: 23-36% Urine: N/A CSF: N/A	Serum/Plasma: 23-36% Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: typical CV ≤ 4.3% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 4.3% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 3.6% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 3.6% Urine: N/A CSF: N/A
Comment(s)	User-defined reagent		User-defined reagent	

THERAPEUTIC DRUG MONITORING (TDM)

	Acetaminophen	Amikacin		
Abbreviation	ACETA	AMIK		
Kit: AU400/AU640	OSR7A229 (2 x 200 tests)	6X019 (275 tests)		
Kit: AU480/AU680/AU2700/AU5400	OSR7A229 (2 x 200 tests)	6X019 (275 tests)		
Kit: AU5800	OSR7A229 (2 x 200 tests)	6X019 (275 tests)		
Calibrator Part Number	7A409	Included		
Control Name (Part Number)	No specific recommendation	No specific recommendation		
Measurement Principle	Emit* tox	Emit* TDM		
Reaction Type	Rate	Rate		
Primary Wavelength	340 nm	340 nm		
Measuring Points	15, 23	12, 16		
Liquid or Lyophilized	Liquid	Lyophilized		
Onboard Stability	28 Days	28 Days		
Storage Temperature	+2 to +8°C	+2 to +8°C		
Calibration Frequency	14 Days	14 Days		
Compatible Anticoagulants	EDTA, Heparin, Citrate, Oxalate/Fluoride	EDTA, Citrate, Oxalate		
Reagent Volume				
AU400/AU640	R1 = 150, R2 = 75	R1 = 162, R2 = 162		
AU480/AU680/AU2700/AU5400	R1 = 150, R2 = 75 (AU480: R1 = 120, R2 = 60)	R1 = 162, R2 = 162 (AU480: R1 = 89, R2 = 89)		
AU5800	R1 = 120, R2 = 60	R1 = 89, R2 = 89		
Sample Type	Serum/Plasma	Serum/Plasma		
Sample Size (AU400/AU640)	Serum/Plasma: 3 µL Urine: N/A CSF: N/A	Serum/Plasma: 3 µL Urine: N/A CSF: N/A		
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 3 µL (AU480: 2.4 µL) Urine: N/A CSF: N/A	Serum/Plasma: 3 µL (AU480: 1.7 µL) Urine: N/A CSF: N/A		
Sample Size (AU5800)	Serum/Plasma: 2.4 µL Urine: N/A CSF: N/A	Serum/Plasma: 1.7 µL Urine: N/A CSF: N/A		
	SI Units	SI Units		
Analytical Range	Serum/Plasma: 10-200 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 66-1324 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: 2.5-50 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 4.3-85.5 µmol/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: Consult literature Urine: N/A CSF: N/A	Serum/Plasma: Consult literature Urine: N/A CSF: N/A	Serum/Plasma: Consult literature Urine: N/A CSF: N/A	Serum/Plasma: Consult literature Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: typical CV ≤ 5% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 5% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 3.9% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 3.9% Urine: N/A CSF: N/A
Comment(s)	Not available in Puerto Rico	User-defined reagent Not available in Puerto Rico		

THERAPEUTIC DRUG MONITORING (TDM)

	Caffeine	Carbamazepine	
Abbreviation	CAFF	CARB	
Kit: AU400/AU640	6P419 (145 tests)	OSR4F229 (2 x 200 tests)	
Kit: AU480/AU680/AU2700/AU5400	6P419 (145 tests)	OSR4F229 (2 x 200 tests)	
Kit: AU5800	6P419 (145 tests)	OSR6414 (2 x 200 tests)	
Calibrator Part Number	Included	4F109	
Control Name (Part Number)	No specific recommendation	No specific recommendation	
Measurement Principle	Emit* TDM	Emit* 2000	
Reaction Type	Rate	Rate	
Primary Wavelength	340 nm	340 nm	
Measuring Points	12, 16	19, 27	
Liquid or Lyophilized	Lyophilized	Liquid	
Onboard Stability	28 Days	90 Days	
Storage Temperature	+2 to +8°C	+2 to +8°C	
Calibration Frequency	14 Days	14 Days	
Compatible Anticoagulants	N/A	Heparin, Oxalate, Citrate, EDTA	
Reagent Volume			
AU400/AU640	R1 = 162, R2 = 162	R1 = 100, R2 = 50	
AU480/AU680/AU2700/AU5400	R1 = 162, R2 = 162 (AU480: R1 = 89, R2 = 89)	R1 = 100, R2 = 50 (AU480: R1 = 80, R2 = 40)	
AU5800	R1 = 89, R2 = 89	R1 = 80, R2 = 40	
Sample Type	Serum/Plasma	Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 3 µL Urine: N/A CSF: N/A	Serum/Plasma: 2 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 3 µL (AU480: 1.7 µL) Urine: N/A CSF: N/A	Serum: 2 µL (AU480: 1.6 µL) Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 1.7 µL Urine: N/A CSF: N/A	Serum: 1.6 µL Urine: N/A CSF: N/A	
		SI Units	SI Units
Analytical Range	Serum/Plasma: 1-30 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 5-155 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: 2-20 µg/mL Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: Consult literature Urine: N/A CSF: N/A	Serum/Plasma: Consult literature Urine: N/A CSF: N/A	Serum/Plasma: 4-12 µg/mL Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: typical CV ≤ 4.2% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 4.2% Urine: N/A CSF: N/A	Serum/Plasma: 17-51 µmol/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: typical CV ≤ 4.2% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 4.2% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 6.5% Urine: N/A CSF: N/A
Comment(s)	User-defined reagent Not available in Puerto Rico	Not available in Puerto Rico	

THERAPEUTIC DRUG MONITORING (TDM)

	Digoxin	Disopyramide	
Abbreviation	DIG	DISO	
Kit: AU400/AU640	OSR4H229 (2 x 200 tests)	6N319 (275 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSR4H229 (2 x 200 tests)	6N319 (275 tests)	
Kit: AU5800	OSR4H229 (2 x 200 tests)	6N319 (275 tests)	
Calibrator Part Number	4H209	Included	
Control Name (Part Number)	No specific recommendation	No specific recommendation	
Measurement Principle	Emit* 2000	Emit* TDM	
Reaction Type	Rate	Rate	
Primary Wavelength	340 nm	340 nm	
Measuring Points	17, 27	12, 16	
Liquid or Lyophilized	Liquid	Lyophilize	
Onboard Stability	90 Days	28 Days	
Storage Temperature	+2 to +8°C	+2 to +8°C	
Calibration Frequency	14 Days	14 Days	
Compatible Anticoagulants	Heparin, Oxalate, EDTA	Heparin, EDTA, Oxalate	
Reagent Volume			
AU400/AU640	R1 = 130, R2 = 50	R1 = 162, R2 = 162	
AU480/AU680/AU2700/AU5400	R1 = 130, R2 = 50 (AU480: R1 = 104, R2 = 40)	R1 = 162, R2 = 162 (AU480: R1 = 89, R2 = 89)	
AU5800	R1 = 104, R2 = 40	R1 = 89, R2 = 89	
Sample Type	Serum	Serum/Plasma	
Sample Size (AU400/AU640)	Serum: 17 µL Urine: N/A CSF: N/A	Serum/Plasma: 3 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum: 17 µL (AU480: 13.6 µL) Urine: N/A CSF: N/A	Serum/Plasma: 3 µL (AU480: 1.7 µL) Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum: 13.6 µL Urine: N/A CSF: N/A	Serum/Plasma: 1.7 µL Urine: N/A CSF: N/A	
		SI Units	SI Units
Analytical Range	Serum: 0.2-5.0 ng/mL Urine: N/A CSF: N/A	Serum: 0.3-6.4 nmol/L Urine: N/A CSF: N/A	Serum/Plasma: 0.5-8 µg/mL Urine: N/A CSF: N/A
Reference Interval	Serum: 0.9-2.0 ng/mL Urine: N/A CSF: N/A	Serum: 1.2-2.6 nmol/L Urine: N/A CSF: N/A	Serum/Plasma: 1.5-23.6 µmol/L Urine: N/A CSF: N/A
Precision Specification	Serum: typical CV ≤ 10.4% Urine: N/A CSF: N/A	Serum: typical CV ≤ 10.4% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 4.6% Urine: N/A CSF: N/A
Comment(s)	Not available in Puerto Rico	User-defined reagent Not available in Puerto Rico	

THERAPEUTIC DRUG MONITORING (TDM)

	Ethosuximide		Gentamicin	
Abbreviation	SUXI		GENT	
Kit: AU400/AU640	6E119 (120 tests)		OSR4T229 (2 x 200 tests)	
Kit: AU480/AU680/AU2700/AU5400	6E119 (120 tests)		OSR4T229 (2 x 200 tests)	
Kit: AU5800	6E119 (120 tests)		OSR4T229 (2 x 200 tests)	
Calibrator Part Number	6A089		4T209	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	Emit* TDM		Emit* 2000	
Reaction Type	Rate		Rate	
Primary Wavelength	340 nm		340 nm	
Measuring Points	12, 16		19, 27	
Liquid or Lyophilized	Lyophilized		Liquid	
Onboard Stability	56 days and as required		90 days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	14 days		14 days	
Compatible Anticoagulants	Heparin, EDTA		Heparin, Citrate, Oxalate, EDTA	
Reagent Volume				
AU400/AU640	R1 = 200, R2 = 200		R1 = 100, R2 = 50	
AU480/AU680/AU2700/AU5400	R1 = 200, R2 = 200 (AU480: R1 = 110, R2 = 110)		R1 = 100, R2 = 50 (AU480: R1 = 80, R2 = 40)	
AU5800	R1 = 110, R2 = 110		R1 = 80, R2 = 40	
Sample Type	Serum/Plasma		Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 4.5 µL Urine: N/A CSF: N/A		Serum/Plasma: 2 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 4.5 µL (AU480: 2.5 µL) Urine: N/A CSF: N/A		Serum/Plasma: 2 µL (AU480: 1.6 µL) Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 2.5 µL Urine: N/A CSF: N/A		Serum/Plasma: 1.6 µL Urine: N/A CSF: N/A	
		SI Units		SI Units
Analytical Range	Serum/Plasma: 10-150 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 71-1062 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: 0.25-10 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 0.5-20.9 µmol/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: 40-100 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 283-708 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: Peak 4-8 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: Peak 8.6-17 µmol/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: typical CV ≤ 4.7% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 4.7% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 6.3% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 6.3% Urine: N/A CSF: N/A
Comment(s)	User-defined reagent Not available in Puerto Rico		Not available in Puerto Rico	

THERAPEUTIC DRUG MONITORING (TDM)

	Lidocaine	Methotrexate	
Abbreviation	LIDO	MTRX	
Kit: AU400/AU640	6M119 (145 tests)	6L119 (130 tests)	
Kit: AU480/AU680/AU2700/AU5400	6M119 (145 tests)	6L119 (130 tests)	
Kit: AU5800	6M119 (145 tests)	6L119 (130 tests)	
Calibrator Part Number	Included	Included	
Control Name (Part Number)	No specific recommendation	No specific recommendation	
Measurement Principle	Emit* TDM	Emit* TDM	
Reaction Type	Rate	Rate	
Primary Wavelength	340 nm	340 nm	
Measuring Points	12, 16	12, 16	
Liquid or Lyophilized	Lyophilized	Lyophilized	
Onboard Stability	28 days	28 days	
Storage Temperature	+2 to +8°C	+2 to +8°C	
Calibration Frequency	14 days	14 days	
Compatible Anticoagulants	Heparin, EDTA, Oxalate	Heparin, EDTA, Oxalate	
Reagent Volume			
AU400/AU640	R1 = 162, R2 = 162	R1 = 162, R2 = 162	
AU480/AU680/AU2700/AU5400	R1 = 162, R2 = 162 (AU480: R1 = 89, R2 = 89)	R1 = 162, R2 = 162 (AU480: R1 = 89, R2 = 89)	
AU5800	R1 = 89, R2 = 89	R1 = 89, R2 = 89	
Sample Type	Serum/Plasma	Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 3 µL Urine: N/A CSF: N/A	Serum/Plasma: 3 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 3 µL (AU480: 1.7 µL) Urine: N/A CSF: N/A	Serum/Plasma: 3 µL (AU480: 1.7 µL) Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 1.7 µL Urine: N/A CSF: N/A	Serum/Plasma: 1.7 µL Urine: N/A CSF: N/A	
	SI Units	SI Units	
Analytical Range	Serum/Plasma: 1-12 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 4.3-51.2 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: Calibrator dependent Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: 1.5-5.0 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 6-21 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: Consult literature Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: typical CV ≤ 4.6% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 4.6% Urine: N/A CSF: N/A	
Comment(s)	User-defined reagent Not available in Puerto Rico	User-defined reagent Not available in Puerto Rico	

THERAPEUTIC DRUG MONITORING (TDM)

	N-Acetylprocainamide		Phenobarbital	
	NAPA		PBARB	
Abbreviation				
Kit: AU400/AU640	OSR4N229 (2 x 200 tests)		OSR4D229 (2 x 200 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSR4N229 (2 x 200 tests)		OSR4D229 (2 x 200 tests)	
Kit: AU5800	OSR4N229 (2 x 200 tests)		OSR4D229 (2 x 200 tests)	
Calibrator Part Number	4N109		4D109	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	Emit* 2000		Emit* 2000	
Reaction Type	Rate		Rate	
Primary Wavelength	340 nm		340 nm	
Measuring Points	19, 27		15, 19	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	90 days		90 days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	14 days		14 days	
Compatible Anticoagulants	Heparin, Citrate, Oxalate, EDTA		Heparin, Citrate, Oxalate, EDTA	
Reagent Volume				
AU400/AU640	R1 = 100, R2 = 50		R1 = 90, R2 = 90	
AU480/AU680/AU2700/AU5400	R1 = 100, R2 = 50 (AU480: R1 = 80, R2 = 40)		R1 = 90, R2 = 90 (AU480: R1 = 72, R2 = 72)	
AU5800	R1 = 80, R2 = 40		R1 = 72, R2 = 72	
Sample Type	Serum/Plasma		Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 2 µL Urine: N/A CSF: N/A		Serum/Plasma: 2 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 2 µL (AU480: 1.6 µL) Urine: N/A CSF: N/A		Serum/Plasma: 2 µL (AU480: 1.6 µL) Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 1.6 µL Urine: N/A CSF: N/A		Serum/Plasma: 1.6 µL Urine: N/A CSF: N/A	
		SI Units		SI Units
Analytical Range	Serum/Plasma: 1-16 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 3.6-58 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: 5-80 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 22-345 µmol/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: Consult literature Urine: N/A CSF: N/A	Serum/Plasma: Consult literature Urine: N/A CSF: N/A	Serum/Plasma: 10-40 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 43-172 µmol/L Urine: N/A CSF: N/A
Precision Specification				
Comment(s)	Not available in Puerto Rico		Not available in Puerto Rico	

THERAPEUTIC DRUG MONITORING (TDM)

	Phenytoin	Primidone	
Abbreviation	PHENY	PRIM	
Kit: AU400/AU640	OSR4A229 (2 x 200 tests)	6C119 (240 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSR4A229 (2 x 200 tests)	6C119 (240 tests)	
Kit: AU5800	OSR4A229 (2 x 200 tests)	6C119 (240 tests)	
Calibrator Part Number	4A109	6A089	
Control Name (Part Number)	No specific recommendation	No specific recommendation	
Measurement Principle	Emit* 2000	Emit* TDM	
Reaction Type	Rate	Rate	
Primary Wavelength	340 nm	340 nm	
Measuring Points	19, 27	12, 16	
Liquid or Lyophilized	Liquid	Lyophilized	
Onboard Stability	90 days	84 days and as required	
Storage Temperature	+2 to +8°C	+2 to +8°C	
Calibration Frequency	14 days	7 days	
Compatible Anticoagulants	Heparin, Citrate, Oxalate, EDTA	Heparin, EDTA	
Reagent Volume			
AU400/AU640	R1 = 90, R2 = 65	R1 = 100, R2 = 100	
AU480/AU680/AU2700/AU5400	R1 = 90, R2 = 65 (AU480: R1 = 72, R2 = 52)	R1 = 100, R2 = 100 (AU480: R1 = 60, R2 = 60)	
AU5800	R1 = 72, R2 = 52	R1 = 60, R2 = 60	
Sample Type	Serum/Plasma	Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 2 µL Urine: N/A CSF: N/A	Serum/Plasma: 4 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 2 µL (AU480: 1.6 µL) Urine: N/A CSF: N/A	Serum/Plasma: 4 µL (AU480: 2.4 µL) Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 1.6 µL Urine: N/A CSF: N/A	Serum/Plasma: 2.4 µL Urine: N/A CSF: N/A	
Analytical Range	Serum/Plasma: 2.5-40 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 2.5-20 µg/mL Urine: N/A CSF: N/A	SI Units Serum/Plasma: 10-158 µmol/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: 10-20 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 5-12 µg/mL Urine: N/A CSF: N/A	SI Units Serum/Plasma: 11-92 µmol/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: typical CV ≤ 8.2% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 6.2% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 6.2% Urine: N/A CSF: N/A
Comment(s)	Not available in Puerto Rico	User-defined reagent Not available in Puerto Rico	

THERAPEUTIC DRUG MONITORING (TDM)

	Procainamide	Quinidine		
Abbreviation	PROC	QUIN		
Kit: AU400/AU640	OSR4K229 (2 x 200 tests)	OSR4Q229 (2 x 200 tests)		
Kit: AU480/AU680/AU2700/AU5400	OSR4K229 (2 x 200 tests)	OSR4Q229 (2 x 200 tests)		
Kit: AU5800	OSR4K229 (2 x 200 tests)	OSR4Q229 (2 x 200 tests)		
Calibrator Part Number	4K109	4Q109		
Control Name (Part Number)	No specific recommendation	No specific recommendation		
Measurement Principle	Emit* 2000	Emit* 2000		
Reaction Type	Rate	Rate		
Primary Wavelength	340 nm	340 nm		
Measuring Points	19, 27	11, 15		
Liquid or Lyophilized	Liquid	Liquid		
Onboard Stability	90 days	90 days		
Storage Temperature	+2 to +8°C	+2 to +8°C		
Calibration Frequency	14 days	14 days		
Compatible Anticoagulants	Heparin, Citrate, Oxalate, EDTA	Heparin, Citrate, Oxalate, EDTA		
Reagent Volume				
AU400/AU640	R1 = 100, R2 = 50	R1 = 87 µL, R2 = 87 µL		
AU480/AU680/AU2700/AU5400	R1 = 100, R2 = 50 (AU480: R1 = 80, R2 = 40)	R1 = 100, R2 = 50 (AU480: R1 = 80, R2 = 40)		
AU5800	R1 = 80, R2 = 40	R1 = 80, R2 = 40		
Sample Type	Serum/Plasma	Serum/Plasma		
Sample Size (AU400/AU640)	Serum/Plasma: 2 µL Urine: N/A CSF: N/A	Serum/Plasma: 2 µL Urine: N/A CSF: N/A		
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 2 µL (AU480: 1.6 µL) Urine: N/A CSF: N/A	Serum/Plasma: 2 µL (AU480: 1.6 µL) Urine: N/A CSF: N/A		
Sample Size (AU5800)	Serum/Plasma: 1.6 µL Urine: N/A CSF: N/A	Serum/Plasma: 1.6 µL Urine: N/A CSF: N/A		
	SI Units	SI Units		
Analytical Range	Serum/Plasma: 1-12 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 4.3-51 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: 0.5-8 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 1.5-25 µmol/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: 4-10 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 17-43 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: 2 - 5 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 6.2-15 µmol/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: typical CV ≤ 7.9% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 7.9% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 9.3% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 9.3% Urine: N/A CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico		

THERAPEUTIC DRUG MONITORING (TDM)

	Salicylic Acid	Theophylline	
Abbreviation	SALI	THEO	
Kit: AU400/AU640	OSR7S229 (2 x 200 tests)	OSR4P229 (2 x 200 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSR7S229 (2 x 200 tests)	OSR4P229 (2 x 200 tests)	
Kit: AU5800	OSR7S229 (2 x 200 tests)	OSR4P229 (2 x 200 tests)	
Calibrator Part Number	7S109	4P109	
Control Name (Part Number)	No specific recommendation	No specific recommendation	
Measurement Principle	Emit* tox	Emit* 2000	
Reaction Type	Rate	Rate	
Primary Wavelength	340 nm	340 nm	
Measuring Points	15, 23	15, 19	
Liquid or Lyophilized	Liquid	Liquid	
Onboard Stability	28 days	90 days	
Storage Temperature	+2 to +8°C	+2 to +8°C	
Calibration Frequency	14 days	14 days	
Compatible Anticoagulants	EDTA, Sodium Heparin, Citrate, Oxalate/Fluoride	Heparin, Citrate, Oxalate, EDTA	
Reagent Volume			
AU400/AU640	R1 = 150, R2 = 75	R1 = 100, R2 = 50	
AU480/AU680/AU2700/AU5400	R1 = 150, R2 = 75 (AU480: R1 = 120, R2 = 60)	R1 = 100, R2 = 50 (AU480: R1 = 80, R2 = 40)	
AU5800	R1 = 120, R2 = 60	R1 = 80, R2 = 40	
Sample Type	Serum/Plasma	Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 3 µL Urine: N/A CSF: N/A	Serum/Plasma: 3 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 3 µL (AU480: 2.4 µL) Urine: N/A CSF: N/A	Serum/Plasma: 3 µL (AU480: 2.4 µL) Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 2.4 µL Urine: N/A CSF: N/A	Serum/Plasma: 2.4 µL Urine: N/A CSF: N/A	
Analytical Range	Serum/Plasma: 2.5-80 mg/dL Urine: N/A CSF: N/A	SI Units Serum/Plasma: 181-5792 µmol/L Urine: N/A CSF: N/A	SI Units Serum/Plasma: 2.5-40 µg/mL Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: < 6 mg/dL Urine: N/A CSF: N/A	Serum/Plasma: < 434 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: 14-222 µmol/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: < 8.5% CV Urine: N/A CSF: N/A	Serum/Plasma: < 8.5% CV Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 11.3% Urine: N/A CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico	

THERAPEUTIC DRUG MONITORING (TDM)

	Tobramycin		Valproic Acid	
	TOB		VPA	
Abbreviation	TOB		VPA	
Kit: AU400/AU640	OSR4S229 (2 x 200 tests)		OSR4G229 (2 x 200 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSR4S229 (2 x 200 tests)		OSR4G229 (2 x 200 tests)	
Kit: AU5800	OSR4S229 (2 x 200 tests)		OSR4G229 (2 x 200 tests)	
Calibrator Part Number	4S109		4G109	
Control Name (Part Number)	No specific recommendation		No specific recommendation	
Measurement Principle	Emit* 2000		Emit* 2000	
Reaction Type	Rate		Rate	
Primary Wavelength	340 nm		340 nm	
Measuring Points	17, 25		12, 17	
Liquid or Lyophilized	Liquid		Liquid	
Onboard Stability	90 days		90 days	
Storage Temperature	+2 to +8°C		+2 to +8°C	
Calibration Frequency	14 days		14 days	
Compatible Anticoagulants	Sodium Heparin, Citrate, Oxalate/Fluoride, EDTA		EDTA, Heparin, Citrate, Oxalate/Fluoride	
Reagent Volume				
AU400/AU640	R1 = 174, R2 = 87		R1 = 174, R2 = 87	
AU480/AU680/AU2700/AU5400	R1 = 174, R2 = 87 (AU480: R1 = 139, R2 = 70)		R1 = 174, R2 = 87 (AU480: R1 = 139, R2 = 70)	
AU5800	R1 = 139, R2 = 70		R1 = 139, R2 = 70	
Sample Type	Serum/Plasma		Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 3.5 µL Urine: N/A CSF: N/A		Serum/Plasma: 3.5 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 3.5 µL (AU480: 2.8 µL) Urine: N/A CSF: N/A		Serum/Plasma: 3.5 µL (AU480: 2.8 µL) Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 2.8 µL Urine: N/A CSF: N/A		Serum/Plasma: 2.8 µL Urine: N/A CSF: N/A	
		SI Units		SI Units
Analytical Range	Serum/Plasma: 0.6-10 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 1.3-21.4 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: 10-150 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 69-1040 µmol/L Urine: N/A CSF: N/A
Reference Interval	Serum/Plasma: Peak 4-8 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: Peak 8.6-17.1 µmol/L Urine: N/A CSF: N/A	Serum/Plasma: 50-100 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 347-693 µmol/L Urine: N/A CSF: N/A
Precision Specification	Serum/Plasma: typical CV ≤ 6.8% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 6.8% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 4.3% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 4.3% Urine: N/A CSF: N/A
Comment(s)	Not available in Puerto Rico		Not available in Puerto Rico	

THERAPEUTIC DRUG MONITORING (TDM)

Vancomycin

Abbreviation	VANC	
Kit: AU400/AU640	OSR4W229 (2 x 200 tests)	
Kit: AU480/AU680/AU2700/AU5400	OSR4W229 (2 x 200 tests)	
Kit: AU5800	OSR4W229 (2 x 200 tests)	
Calibrator Part Number	4W109	
Control Name (Part Number)	No specific recommendation	
Measurement Principle	Emit* 2000	
Reaction Type	Rate	
Primary Wavelength	340 nm	
Measuring Points	15, 21	
Liquid or Lyophilized	Liquid	
Onboard Stability	90 days	
Storage Temperature	+2 to +8°C	
Calibration Frequency	14 days	
Compatible Anticoagulants	EDTA, Sodium Heparin, Lithium Heparin, Citrate, Oxalate/Fluoride	
Reagent Volume		
AU400/AU640	R1 = 150, R2 = 80	
AU480/AU680/AU2700/AU5400	R1 = 150, R2 = 80 (AU480: R1 = 120, R2 = 64)	
AU5800	R1 = 120, R2 = 64	
Sample Type	Serum/Plasma	
Sample Size (AU400/AU640)	Serum/Plasma: 3 µL Urine: N/A CSF: N/A	
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 3 µL (AU480: 2.4 µL) Urine: N/A CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 2.4 µL Urine: N/A CSF: N/A	
Analytical Range		SI Units
	Serum/Plasma: 2-50 µg/mL Urine: N/A CSF: N/A	Serum/Plasma: 1.3-34 µmol/L Urine: N/A CSF: N/A
Reference Interval		
	Serum/Plasma: Consult literature Urine: N/A CSF: N/A	Serum/Plasma: Consult literature Urine: N/A CSF: N/A
Precision Specification		
	Serum/Plasma: typical CV ≤ 3.8% Urine: N/A CSF: N/A	Serum/Plasma: typical CV ≤ 3.8% Urine: N/A CSF: N/A
Comment(s)	Not available in Puerto Rico	

DRUGS OF ABUSE TESTING (DAT)

	Amphetamines (300 cutoff)	Amphetamines (500 cutoff)
Abbreviation	AMPH+	AMPH+
Kit: AU400/AU640	OSR9C229 (2 x 200 tests)	OSR9C229 (2 x 200 tests)
Kit: AU480/AU680/AU2700/AU5400	OSR9C229 (2 x 200 tests)	OSR9C229 (2 x 200 tests)
Kit: AU5800	OSR9C229 (2 x 200 tests)	OSR9C229 (2 x 200 tests)
Calibrator Part Number	9A529	9A549
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* II Plus
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	13, 15	13, 15
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	28 days	28 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 150, R2 = 65	R1 = 150, R2 = 65
AU480/AU680/AU2700/AU5400	R1 = 150, R2 = 65 (AU480: R1 = 105, R2 = 46)	R1 = 150, R2 = 65 (AU480: R1 = 105, R2 = 46)
AU5800	R1 = 105, R2 = 46	R1 = 105, R2 = 46
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 5 µL CSF: N/A	Serum/Plasma: N/A Urine: 3 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 5 µL (AU480: 3.5 µL) CSF: N/A	Serum/Plasma: N/A Urine: 3 µL (AU480: 2.1 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 3.5 µL CSF: N/A	Serum/Plasma: N/A Urine: 2.1 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 300 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 500 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Amphetamines (1000 cutoff)	Amphetamines (300 cutoff/semi-quantitative)
Abbreviation	AMPH+	AMPH+
Kit: AU400/AU640	OSR9C229 (2 x 200 tests)	OSR9C229 (2 x 200 tests)
Kit: AU480/AU680/AU2700/AU5400	OSR9C229 (2 x 200 tests)	OSR9C229 (2 x 200 tests)
Kit: AU5800	OSR9C229 (2 x 200 tests)	OSR9C229 (2 x 200 tests)
Calibrator Part Number	9A569	9A529, 9A549, 9A569
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* II Plus
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	13, 15	13, 15
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	28 days	28 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 158, R2 = 68	R1 = 150, R2 = 65
AU480/AU680/AU2700/AU5400	R1 = 158, R2 = 68 (AU480: R1 = 126, R2 = 54)	R1 = 150, R2 = 65 (AU480: R1 = 105, R2 = 46)
AU5800	R1 = 126, R2 = 54	R1 = 105, R2 = 46
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 2 µL CSF: N/A	Serum/Plasma: N/A Urine: 5 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 2 µL (AU480: 1.6 µL) CSF: N/A	Serum/Plasma: N/A Urine: 5 µL (AU480: 3.5 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 1.6 µL CSF: N/A	Serum/Plasma: N/A Urine: 3.5 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 1000 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 300 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Amphetamines (500 cutoff/semi-quantitative)	Amphetamines (1000 cutoff/semi-quantitative)
Abbreviation	AMPH+	AMPH+
Kit: AU400/AU640	OSR9C229 (2 x 200 tests)	OSR9C229 (2 x 200 tests)
Kit: AU480/AU680/AU2700/AU5400	OSR9C229 (2 x 200 tests)	OSR9C229 (2 x 200 tests)
Kit: AU5800	OSR9C229 (2 x 200 tests)	OSR9C229 (2 x 200 tests)
Calibrator Part Number	9A529, 9A549, 9A569	9A529, 9A549, 9A569, 9A609
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* II Plus
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	13, 15	13, 15
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	28 days	28 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 150, R2 = 65	R1 = 158, R2 = 68
AU480/AU680/AU2700/AU5400	R1 = 150, R2 = 65 (AU480: R1 = 105, R2 = 46)	R1 = 158, R2 = 68 (AU480: R1 = 126, R2 = 54)
AU5800	R1 = 105, R2 = 46	R1 = 126, R2 = 54
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 3 µL CSF: N/A	Serum/Plasma: N/A Urine: 2 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 3 µL (AU480: 2.1 µL) CSF: N/A	Serum/Plasma: N/A Urine: 2 µL (AU480: 1.6 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 2.1 µL CSF: N/A	Serum/Plasma: N/A Urine: 1.6 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 500 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: 1000 µg/L CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Barbiturate (200 cutoff)	Barbiturate (300 cutoff)
Abbreviation	BARB+	BARB+
Kit: AU400/AU640	OSR9D229 (2 x 200 tests)	OSR9D229 (2 x 200 tests)
Kit: AU480/AU680/AU2700/AU5400	OSR9D229 (2 x 200 tests)	OSR9D229 (2 x 200 tests)
Kit: AU5800	OSR9D229 (2 x 200 tests)	OSR9D229 (2 x 200 tests)
Calibrator Part Number	9A569	9A589
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* II Plus
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	15, 19	15, 19
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	60 days	60 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 140, R2 = 60	R1 = 140, R2 = 60
AU480/AU680/AU2700/AU5400	R1 = 140, R2 = 60 (AU480: R1 = 98, R2 = 42)	R1 = 140, R2 = 60 (AU480: R1 = 98, R2 = 42)
AU5800	R1 = 98, R2 = 42	R1 = 98, R2 = 42
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 6 µL CSF: N/A	Serum/Plasma: N/A Urine: 6 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 6 µL (AU480: 4.2 µL) CSF: N/A	Serum/Plasma: N/A Urine: 6 µL (AU480: 4.2 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 4.2 µL CSF: N/A	Serum/Plasma: N/A Urine: 4.2 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 200 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 300 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Barbiturate (semi-quantitative)	Barbiturate, Tox
Abbreviation	BARB+	TBARB
Kit: AU400/AU640	OSR9D229 (2 x 200 tests)	7D119 (235 tests)
Kit: AU480/AU680/AU2700/AU5400	OSR9D229 (2 x 200 tests)	7D119 (235 tests)
Kit: AU5800	OSR9D229 (2 x 200 tests)	7D119 (235 tests)
Calibrator Part Number	9A549, 9A569, 9A589, 9A609	7B019
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* tox
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	15, 19	12, 16
Liquid or Lyophilized	Liquid	Lyophilized
Onboard Stability	60 days	35 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	1 day
Compatible Anticoagulants	N/A	Heparin, Oxalate, EDTA
Reagent Volume		
AU400/AU640	R1 = 140, R2 = 60	R1 = 100, R2 = 100
AU480/AU680/AU2700/AU5400	R1 = 140, R2 = 60 (AU480: R1 = 98, R2 = 42)	R1 = 100, R2 = 100 (AU480: R1 = 80, R2 = 80)
AU5800	R1 = 98, R2 = 42	R1 = 80, R2 = 80
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 6 µL CSF: N/A	Serum/Plasma: 3 µL Urine: N/A CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 6 µL (AU480: 4.2 µL) CSF: N/A	Serum/Plasma: 3 µL (AU480: 2.4 µL) Urine: N/A CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 4.2 µL CSF: N/A	Serum/Plasma: 2.4 µL Urine: N/A CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 200/300 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: N/A CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: User-defined Urine: N/A CSF: N/A
Comment(s)	Not available in Puerto Rico	User-defined reagent Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Benzodiazepine (200 cutoff)	Benzodiazepine (300 cutoff)
Abbreviation	BENZ+	BENZ+
Kit: AU400/AU640	OSR9F229 (2 x 200 tests)	OSR9F229 (2 x 200 tests)
Kit: AU480/AU680/AU2700/AU5400	OSR9F229 (2 x 200 tests)	OSR9F229 (2 x 200 tests)
Kit: AU5800	OSR9F229 (2 x 200 tests)	OSR9F229 (2 x 200 tests)
Calibrator Part Number	9A569	9A589
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* II Plus
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	15, 19	15, 19
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	60 days	60 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 140, R2 = 60	R1 = 140, R2 = 60
AU480/AU680/AU2700/AU5400	R1 = 140, R2 = 60 (AU480: R1 = 98, R2 = 42)	R1 = 140, R2 = 60 (AU480: R1 = 98, R2 = 42)
AU5800	R1 = 98, R2 = 42	R1 = 98, R2 = 42
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 6 µL CSF: N/A	Serum/Plasma: N/A Urine: 6 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 6 µL (AU480: 4.2 µL) CSF: N/A	Serum/Plasma: N/A Urine: 6 µL (AU480: 4.2 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 4.2 µL CSF: N/A	Serum/Plasma: N/A Urine: 4.2 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 200 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 300 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Benzodiazepine (semi-quantitative)	Benzodiazepine, Tox
Abbreviation	BENZ+	TBENZ
Kit: AU400/AU640	OSR9F229 (2 x 200 tests)	7B119 (300 tests)
Kit: AU480/AU680/AU2700/AU5400	OSR9F229 (2 x 200 tests)	7B119 (300 tests)
Kit: AU5800	OSR9F229 (2 x 200 tests)	7B119 (300 tests)
Calibrator Part Number	9A549, 9A569, 9A589, 9A609	7B019
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* tox
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	15, 19	13, 15
Liquid or Lyophilized	Liquid	Lyophilized
Onboard Stability	60 days	35 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	1 day
Compatible Anticoagulants	N/A	Heparin, Oxalate, EDTA
Reagent Volume		
AU400/AU640	R1 = 140, R2 = 60	R1 = 75, R2 = 75
AU480/AU680/AU2700/AU5400	R1 = 140, R2 = 60 (AU480: R1 = 98, R2 = 42)	R1 = 75, R2 = 75 (AU480: R1 = 60, R2 = 60)
AU5800	R1 = 98, R2 = 42	R1 = 60, R2 = 60
Sample Type	Urine	Serum/Plasma
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 6 µL CSF: N/A	Serum/Plasma: 2.5 µL Urine: N/A CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 6 µL (AU480: 4.2 µL) CSF: N/A	Serum/Plasma: 2.5 µL (AU480: 2 µL) Urine: N/A CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 4.2 µL CSF: N/A	Serum/Plasma: 2.0 µL Urine: N/A CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 200/300 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: N/A CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: User-defined Urine: N/A CSF: N/A
Comment(s)	Not available in Puerto Rico	User-defined reagent Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Cannabinoid (20 cutoff)	Cannabinoid (50 cutoff)
Abbreviation	THC20+	THC50+
Kit: AU400/AU640	OSR9N229 (2 x 200 tests)	OSR9N229 (2 x 200 tests)
Kit: AU480/AU680/AU2700/AU5400	OSR9N229 (2 x 200 tests)	OSR9N229 (2 x 200 tests)
Kit: AU5800	OSR9N229 (2 x 200 tests)	OSR9N229 (2 x 200 tests)
Calibrator Part Number	9A549	9A569
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* II Plus
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	15, 20	15, 20
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	60 days	60 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 140, R2 = 60	R1 = 140, R2 = 60
AU480/AU680/AU2700/AU5400	R1 = 140, R2 = 60 (AU480: R1 = 98, R2 = 42)	R1 = 140, R2 = 60 (AU480: R1 = 98, R2 = 42)
AU5800	R1 = 98, R2 = 42	R1 = 98, R2 = 42
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 10 µL CSF: N/A	Serum/Plasma: N/A Urine: 4.5 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 10 µL (AU480: 7 µL) CSF: N/A	Serum/Plasma: N/A Urine: 4.5 µL (AU480: 3.2 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 7.0 µL CSF: N/A	Serum/Plasma: N/A Urine: 3.2 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 20 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 50 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Cannabinoid (100 cutoff)	Cannabinoid (semi-quantitative)
Abbreviation	THC100+	THC50+
Kit: AU400/AU640	OSR9N229 (2 x 200 tests)	OSR9N229 (2 x 200 tests)
Kit: AU480/AU680/AU2700/ AU5400	OSR9N229 (2 x 200 tests)	OSR9N229 (2 x 200 tests)
Kit: AU5800	OSR9N229 (2 x 200 tests)	OSR9N229 (2 x 200 tests)
Calibrator Part Number	9A589	9A569, 9A589, 9A609
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* II Plus
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	15, 20	15, 20
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	60 days	60 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 160, R2 = 40	R1 = 140, R2 = 60
AU480/AU680/AU2700/ AU5400	R1 = 160, R2 = 40 (AU480: R1 = 112, R2 = 28)	R1 = 140, R2 = 60 (AU480: R1 = 98, R2 = 42)
AU5800	R1 = 112, R2 = 28	R1 = 98, R2 = 42
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 3.5 µL CSF: N/A	Serum/Plasma: N/A Urine: 4.5 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: N/A Urine: 3.5 µL (AU480: 2.5 µL) CSF: N/A	Serum/Plasma: N/A Urine: 4.5 µL (AU480: 3.2 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 2.5 µL CSF: N/A	Serum/Plasma: N/A Urine: 3.2 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 100 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 20/50/100 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Cocaine Metabolite (150 cutoff)	Cocaine Metabolite (300 cutoff)
Abbreviation	COCA+	COCA+
Kit: AU400/AU640	OSR9H229 (2 x 200 tests)	OSR9H229 (2 x 200 tests)
Kit: AU480/AU680/AU2700/AU5400	OSR9H229 (2 x 200 tests)	OSR9H229 (2 x 200 tests)
Kit: AU5800	OSR9H229 (2 x 200 tests)	OSR9H229 (2 x 200 tests)
Calibrator Part Number	9A549	9A569
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* II Plus
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	15, 19	15, 19
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	60 days	60 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 130, R2 = 55	R1 = 130, R2 = 55
AU480/AU680/AU2700/AU5400	R1 = 130, R2 = 55 (AU480: R1 = 91, R2 = 39)	R1 = 130, R2 = 55 (AU480: R1 = 91, R2 = 39)
AU5800	R1 = 91, R2 = 39	R1 = 91, R2 = 39
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 9 µL CSF: N/A	Serum/Plasma: N/A Urine: 9 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 9 µL (AU480: 6.3 µL) CSF: N/A	Serum/Plasma: N/A Urine: 9 µL (AU480: 6.3 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 6.3 µL CSF: N/A	Serum/Plasma: N/A Urine: 6.3 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 150 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 300 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Cocaine Metabolite (semi-quantitative)	Ecstasy (300 cutoff)
Abbreviation	COCA+	XTC
Kit: AU400/AU640	OSR9H229 (2 x 200 tests)	OSR9X229 (2 x 200 tests)
Kit: AU480/AU680/AU2700/AU5400	OSR9H229 (2 x 200 tests)	OSR9X229 (2 x 200 tests)
Kit: AU5800	OSR9H229 (2 x 200 tests)	OSR9X229 (2 x 200 tests)
Calibrator Part Number	9A549, 9A569, 9A589, 9A609	9A509, 9R549, 9R589
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* II Plus
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	15, 19	13, 15
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	60 days	28 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 130, R2 = 55	R1 = 130, R2 = 55
AU480/AU680/AU2700/AU5400	R1 = 130, R2 = 55 (AU480: R1 = 91, R2 = 39)	R1 = 130, R2 = 55 (AU480: R1 = 91, R2 = 39)
AU5800	R1 = 91, R2 = 39	R1 = 91, R2 = 39
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 9 µL CSF: N/A	Serum/Plasma: N/A Urine: 7 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 9 µL (AU480: 6.3 µL) CSF: N/A	Serum/Plasma: N/A Urine: 7 µL (AU480: 4.9 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 6.3 µL CSF: N/A	Serum/Plasma: N/A Urine: 4.9 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 150/300 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 300 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Ecstasy (500 cutoff)	Ecstasy (300 cutoff/semi-quantitative)
Abbreviation	XTC	XTC
Kit: AU400/AU640	OSR9X229 (2 x 200 tests)	OSR9X229 (2 x 200 tests)
Kit: AU480/AU680/AU2700/AU5400	OSR9X229 (2 x 200 tests)	OSR9X229 (2 x 200 tests)
Kit: AU5800	OSR9X229 (2 x 200 tests)	OSR9X229 (2 x 200 tests)
Calibrator Part Number	9A509, 9R569, 9R589	9A509, 9R529, 9R549, 9R569
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* II Plus
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	13, 15	13, 15
Liquid or Lyophilized	Liquid	
Onboard Stability	28 days	28 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 130, R2 = 55	R1 = 130, R2 = 55
AU480/AU680/AU2700/AU5400	R1 = 130, R2 = 55 (AU480: R1 = 91, R2 = 39)	R1 = 130, R2 = 55 (AU480: R1 = 91, R2 = 39)
AU5800	R1 = 91, R2 = 39	R1 = 91, R2 = 39
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 5 µL CSF: N/A	Serum/Plasma: N/A Urine: 7 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 5 µL (AU480: 3.5 µL) CSF: N/A	Serum/Plasma: N/A Urine: 7 µL (AU480: 4.9 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 3.5 µL CSF: N/A	Serum/Plasma: N/A Urine: 4.9 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 500 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 300 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Ecstasy (500 cutoff/semi-quantitative)	Ethyl Alcohol
Abbreviation	XTC	ETOH+
Kit: AU400/AU640	OSR9X229 (2 x 200 tests)	OSR9K229 (2 x 130 tests)
Kit: AU480/AU680/AU2700/AU5400	OSR9X229 (2 x 200 tests)	OSR9K229 (2 x 130 tests)
Kit: AU5800	OSR9X229 (2 x 200 tests)	OSR9K229 (2 x 130 tests)
Calibrator Part Number	9A529, 9A549, 9A569, 9A589	9K029, 9K059
Control Name (Part Number)	No specific recommendation	Ethyl Alcohol Low Control (9K049), Ethyl Alcohol High Control (9K079)
Measurement Principle	Emit* II Plus	Emit* II Plus
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	13, 15	12, 16
Liquid or Lyophilized		
Onboard Stability	28 days	60 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	Heparin, Oxalate/Fluoride, EDTA, Citrate
Reagent Volume		
AU400/AU640	R1 = 130, R2 = 55	R1 = 210, R2 = 90
AU480/AU680/AU2700/AU5400	R1 = 130, R2 = 55 (AU480: R1 = 91, R2 = 39)	R1 = 210, R2 = 90 (AU480: R1 = 147, R2 = 63)
AU5800	R1 = 91, R2 = 39	R1 = 147, R2 = 63
Sample Type	Urine	Serum/Plasma/Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 5 µL CSF: N/A	Serum/Plasma: 4 µL Urine: 4 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 5 µL (AU480: 3.5 µL) CSF: N/A	Serum/Plasma: 4 µL (AU480: 2.8 µL) Urine: 4 µL (AU480: 2.8 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 3.5 µL CSF: N/A	Serum/Plasma: 2.8 µL Urine: 2.8 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 500 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: N/A CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: 10-600 mg/dL Urine: 10-600 mg/dL CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	LSD (0.5 cutoff)	LSD (semi-quantitative)
Abbreviation	LSD	LSD
Kit: AU400/AU640	9L039 (28mL kit)	9L039 (28mL kit)
Kit: AU480/AU680/AU2700/AU5400	9L039 (26mL kit)	9L039 (26mL kit)
Kit: AU5800	9L039 (26mL kit)	9L039 (26mL kit)
Calibrator Part Number	9L009, 9L209, 9L309	9L009, 9L109, 9L209, 9L309
Control Name (Part Number)	LSD Level I Control (9L419), LSD Level II Control (9L519)	LSD Level I Control (9L419), LSD Level II Control (9L519)
Measurement Principle	Emit* II	Emit* II
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	17, 27	22, 27
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	90 days	90 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	1 day	1 day
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 100, R2 = 50	R1 = 100, R2 = 50
AU480/AU680/AU2700/AU5400	R1 = 100, R2 = 50 (AU480: R1 = 80, R2 = 40)	R1 = 100, R2 = 50 (AU480: R1 = 80, R2 = 40)
AU5800	R1 = 80, R2 = 40	R1 = 80, R2 = 40
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 20 µL CSF: N/A	Serum/Plasma: N/A Urine: 20 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 20 µL (AU480: 16 µL) CSF: N/A	Serum/Plasma: N/A Urine: 20 µL (AU480: 16 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 16.0 µL CSF: N/A	Serum/Plasma: N/A Urine: 16.0 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 0.5 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 0.5 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	User-defined reagent Not available in Puerto Rico	User-defined reagent Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Methadone (150 cutoff)	Methadone (300 cutoff)
Abbreviation	METH+	METH+
Kit: AU400/AU640	OSR9E229 (2 x 200 tests)	OSR9E229 (2 x 200 tests)
Kit: AU480/AU680/AU2700/AU5400	OSR9E229 (2 x 200 tests)	OSR9E229 (2 x 200 tests)
Kit: AU5800	OSR9E229 (2 x 200 tests)	OSR9E229 (2 x 200 tests)
Calibrator Part Number	9A549	9A569
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* II Plus
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	15, 19	15, 19
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	60 days	60 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 140, R2 = 60	R1 = 140, R2 = 60
AU480/AU680/AU2700/AU5400	R1 = 140, R2 = 60 (AU480: R1 = 98, R2 = 42)	R1 = 140, R2 = 60 (AU480: R1 = 98, R2 = 42)
AU5800	R1 = 98, R2 = 42	R1 = 98, R2 = 42
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 6 µL CSF: N/A	Serum/Plasma: N/A Urine: 6 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 6 µL (AU480: 4.2 µL) CSF: N/A	Serum/Plasma: N/A Urine: 6 µL (AU480: 4.2 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 4.2 µL CSF: N/A	Serum/Plasma: N/A Urine: 4.2 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 150 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 300 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Methadone (semi-quantitative)	Methaqualone (300 cutoff)
Abbreviation	METH+	METQ+
Kit: AU400/AU640	OSR9E229 (2 x 200 tests)	OSR9Q229 (2 x 200 tests)
Kit: AU480/AU680/AU2700/AU5400	OSR9E229 (2 x 200 tests)	OSR9Q229 (2 x 200 tests)
Kit: AU5800	OSR9E229 (2 x 200 tests)	OSR9Q229 (2 x 200 tests)
Calibrator Part Number	9A549, 9A569, 9A589, 9A609	9A569
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* II Plus
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	15, 19	15, 19
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	60 days	60 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 140, R2 = 60	R1 = 130, R2 = 55
AU480/AU680/AU2700/AU5400	R1 = 140, R2 = 60 (AU480: R1 = 98, R2 = 42)	R1 = 130, R2 = 55 (AU480: R1 = 91, R2 = 39)
AU5800	R1 = 98, R2 = 42	R1 = 91, R2 = 39
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 6 µL CSF: N/A	Serum/Plasma: N/A Urine: 5.5 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 6 µL (AU480: 4.2 µL) CSF: N/A	Serum/Plasma: N/A Urine: 5.5 µL (AU480: 3.9 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 4.2 µL CSF: N/A	Serum/Plasma: N/A Urine: 3.9 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 150/300 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 300 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Methaqualone (semi-quantitative)	Opiates (300 cutoff)
Abbreviation	METQ+	OPIA+
Kit: AU400/AU640	OSR9Q229 (2 x 200 tests)	OSR9B229 (2 x 200 tests)
Kit: AU480/AU680/AU2700/AU5400	OSR9Q229 (2 x 200 tests)	OSR9B229 (2 x 200 tests)
Kit: AU5800	OSR9Q229 (2 x 200 tests)	OSR9B229 (2 x 200 tests)
Calibrator Part Number	9A549, 9A569, 9A589, 9A609	9A529
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* II Plus
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	15, 19	16, 22
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	60 days	28 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 130, R2 = 55	R1 = 134, R2 = 50
AU480/AU680/AU2700/AU5400	R1 = 130, R2 = 55 (AU480: R1 = 91, R2 = 39)	R1 = 134, R2 = 50 (AU480: R1 = 94, R2 = 35)
AU5800	R1 = 91, R2 = 39	R1 = 94, R2 = 35
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 5.5 µL CSF: N/A	Serum/Plasma: N/A Urine: 8 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 5.5 µL (AU480: 3.9 µL) CSF: N/A	Serum/Plasma: N/A Urine: 8 µL (AU480: 5.6 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 3.9 µL CSF: N/A	Serum/Plasma: N/A Urine: 5.6 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 300 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 300 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Opiates (2000 cutoff)	Opiates (300 cutoff/semi-quantitative)
Abbreviation	OPIA+	OPIA+
Kit: AU400/AU640	OSR9B229 (2 x 200 tests)	OSR9B229 (2 x 200 tests)
Kit: AU480/AU680/AU2700/AU5400	OSR9B229 (2 x 200 tests)	OSR9B229 (2 x 200 tests)
Kit: AU5800	OSR9B229 (2 x 200 tests)	OSR9B229 (2 x 200 tests)
Calibrator Part Number	9A569	9A509, 9A529, 9A549, 9A569
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* II Plus
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	16, 22	16, 22
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	28 days	28 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 200, R2 = 75	R1 = 134, R2 = 50
AU480/AU680/AU2700/AU5400	R1 = 200, R2 = 75 (AU480: R1 = 140, R2 = 53)	R1 = 134, R2 = 50 (AU480: R1 = 94, R2 = 35)
AU5800	R1 = 140, R2 = 53	R1 = 94, R2 = 35
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 3 µL CSF: N/A	Serum/Plasma: N/A Urine: 8 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 3 µL (AU480: 2.1 µL) CSF: N/A	Serum/Plasma: N/A Urine: 8 µL (AU480: 5.6 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 2.1 µL CSF: N/A	Serum/Plasma: N/A Urine: 5.6 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 2000 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 300 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Opiates (2000 cutoff/semi-quantitative)	Oxycodone (100 cutoff)
Abbreviation	OPIA+	OXY
Kit: AU400/AU640	OSR9B229 (2 x 200 tests)	100248-(DRI) 70 mL kit (650 tests/kit) 100249-(DRI) 500 mL kit (5400 tests/kit)
Kit: AU480/AU680/AU2700/ AU5400	OSR9B229 (2 x 200 tests)	100248-(DRI) 70 mL kit (650 tests/kit) 100249-(DRI) 500 mL kit (5400 tests/kit)
Kit: AU5800	OSR9B229 (2 x 200 tests)	100248-(DRI) 70 mL kit (650 tests/kit) 100249-(DRI) 500 mL kit (5400 tests/kit)
Calibrator Part Number	9A509, 9A549, 9A569, 9A609	DRI Calibrator: 100250
Control Name (Part Number)	No specific recommendation	DRI Oxycodone Control Kit 100 (100254)
Measurement Principle	Emit* II Plus	Homogeneous enzyme immunoassay
Reaction Type	Fixed	Rate 1 (or Fixed 1)
Primary Wavelength	340 nm	340 nm
Measuring Points	16, 22	17, 21
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	28 days	30 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 200, R2 = 75	R1 = 87, R2 = 87
AU480/AU680/AU2700/ AU5400	R1 = 200, R2 = 75 (AU480: R1 = 140, R2 = 53)	R1 = 87, R2 = 87
AU5800	R1 = 140, R2 = 53	R1 = 87, R2 = 87
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 3 µL CSF: N/A	Serum/Plasma: N/A Urine: 14 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: N/A Urine: 3 µL (AU480: 2.1 µL) CSF: N/A	Serum/Plasma: N/A Urine: 14 µL CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 2.1 µL CSF: N/A	Serum/Plasma: N/A Urine: 14 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 2000 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 100 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	Not available in Puerto Rico	User-defined reagent Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Oxycodone (300 cutoff)	Oxycodone (semi-quantitative)
Abbreviation	OXY	OXY
Kit: AU400/AU640	100248-(DRI) 70 mL kit (650 tests/kit) 100249-(DRI) 500 mL kit (5400 tests/kit)	100248-(DRI) 70 mL kit (650 tests/kit) 100249-(DRI) 500 mL kit (5400 tests/kit)
Kit: AU480/AU680/AU2700/AU5400	100248-(DRI) 70 mL kit (650 tests/kit) 100249-(DRI) 500 mL kit (5400 tests/kit)	100248-(DRI) 70 mL kit (650 tests/kit) 100249-(DRI) 500 mL kit (5400 tests/kit)
Kit: AU5800	100248-(DRI) 70 mL kit (650 tests/kit) 100249-(DRI) 500 mL kit (5400 tests/kit)	100248-(DRI) 70 mL kit (650 tests/kit) 100249-(DRI) 500 mL kit (5400 tests/kit)
Calibrator Part Number	DRI Calibrator: 100251	DRI Calibrators:100250, 100251, 100252, 100253, 1664/1388 - Neg. cal
Control Name (Part Number)	DRI Oxycodone Control Kit 300 (100255)	DRI Oxycodone Control Kit 100 (100254), DRI Oxycodone Control Kit 300 (100255)
Measurement Principle	Homogeneous enzyme immunoassay	Homogeneous enzyme immunoassay
Reaction Type	Rate (or Fixed)	Rate 1 (or Fixed 1)
Primary Wavelength	340 nm	340 nm
Measuring Points	17, 21	17, 21
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	30 days	30 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 87, R2 = 87	R1 = 87, R2 = 87
AU480/AU680/AU2700/AU5400	R1 = 87, R2 = 87	R1 = 87, R2 = 87
AU5800	R1 = 87, R2 = 87	R1 = 87, R2 = 87
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 10.5 µL CSF: N/A	Serum/Plasma: N/A Urine: 10.5 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: N/A Urine: 10.5 µL CSF: N/A	Serum/Plasma: N/A Urine: 10.5 µL CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 10.5 µL CSF: N/A	Serum/Plasma: N/A Urine: 10.5 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 300 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 100/300 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	User-defined reagent Not available in Puerto Rico	User-defined reagent The negative calibrator 1664 has a 10 mL volume and the 1388 has a 25 mL volume Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Phencyclidine (25 cutoff)	Phencyclidine (semi-quantitative)
Abbreviation	PCP+	PCP+
Kit: AU400/AU640	OSR9J229 (2 x 200 tests)	OSR9J229 (2 x 200 tests)
Kit: AU480/AU680/AU2700/ AU5400	OSR9J229 (2 x 200 tests)	OSR9J229 (2 x 200 tests)
Kit: AU5800	OSR9J229 (2 x 200 tests)	OSR9J229 (2 x 200 tests)
Calibrator Part Number	9A569	9A549, 9A569, 9A589, 9A609
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* II Plus
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	15, 19	15, 19
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	60 days	60 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 120, R2 = 50	R1 = 120, R2 = 50
AU480/AU680/AU2700/ AU5400	R1 = 120, R2 = 50 (AU480: R1 = 84, R2 = 35)	R1 = 120, R2 = 50 (AU480: R1 = 84, R2 = 35)
AU5800	R1 = 84, R2 = 35	R1 = 84, R2 = 35
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 7 µL CSF: N/A	Serum/Plasma: N/A Urine: 7 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: N/A Urine: 7 µL (AU480: 4.9 µL) CSF: N/A	Serum/Plasma: N/A Urine: 7 µL (AU480: 4.9 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 4.9 µL CSF: N/A	Serum/Plasma: N/A Urine: 4.9 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 25 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 25 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

	Propoxyphene (300 cutoff)	Propoxyphene (semi-quantitative)
Abbreviation	PPX+	PPX+
Kit: AU400/AU640	OSR9G229 (2 x 200 tests)	OSR9G229 (2 x 200 tests)
Kit: AU480/AU680/AU2700/ AU5400	OSR9G229 (2 x 200 tests)	OSR9G229 (2 x 200 tests)
Kit: AU5800	OSR9G229 (2 x 200 tests)	OSR9G229 (2 x 200 tests)
Calibrator Part Number	9A569	9A549, 9A569, 9A589
Control Name (Part Number)	No specific recommendation	No specific recommendation
Measurement Principle	Emit* II Plus	Emit* II Plus
Reaction Type	Fixed	Fixed
Primary Wavelength	340 nm	340 nm
Measuring Points	15, 19	15, 19
Liquid or Lyophilized	Liquid	Liquid
Onboard Stability	60 days	60 days
Storage Temperature	+2 to +8°C	+2 to +8°C
Calibration Frequency	14 days	14 days
Compatible Anticoagulants	N/A	N/A
Reagent Volume		
AU400/AU640	R1 = 120, R2 = 50	R1 = 120, R2 = 50
AU480/AU680/AU2700/ AU5400	R1 = 120, R2 = 50 (AU480: R1 = 84, R2 = 35)	R1 = 120, R2 = 50 (AU480: R1 = 84, R2 = 35)
AU5800	R1 = 84, R2 = 35	R1 = 84, R2 = 35
Sample Type	Urine	Urine
Sample Size (AU400/AU640)	Serum/Plasma: N/A Urine: 7 µL CSF: N/A	Serum/Plasma: N/A Urine: 7 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: N/A Urine: 7 µL (AU480: 4.9 µL) CSF: N/A	Serum/Plasma: N/A Urine: 7 µL (AU480: 4.9 µL) CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 4.9 µL CSF: N/A	Serum/Plasma: N/A Urine: 4.9 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: 300 ng/mL CSF: N/A	Serum/Plasma: N/A Urine: 300 ng/mL CSF: N/A
Analytical Range (UDR)	Serum/Plasma: N/A Urine: User-defined CSF: N/A	Serum/Plasma: N/A Urine: User-defined CSF: N/A
Comment(s)	Not available in Puerto Rico	Not available in Puerto Rico

DRUGS OF ABUSE TESTING (DAT)

Tricyclics, Tox

Abbreviation	TRICY
Kit: AU400/AU640	7C209 (300 tests)
Kit: AU480/AU680/AU2700/AU5400	7C209 (300 tests)
Kit: AU5800	7C209 (300 tests)
Calibrator Part Number	7C219
Control Name (Part Number)	No specific recommendation
Measurement Principle	Emit* tox
Reaction Type	Fixed
Primary Wavelength	340 nm
Measuring Points	13, 15
Liquid or Lyophilized	Lyophilized
Onboard Stability	35 days
Storage Temperature	+2 to +8°C
Calibration Frequency	1 day
Compatible Anticoagulants	Heparin, Oxalate, EDTA
Reagent Volume	
AU400/AU640	R1 = 75, R2 = 75
AU480/AU680/AU2700/AU5400	R1 = 75, R2 = 75 (AU480: R1 = 60, R2 = 60)
AU5800	R1 = 60, R2 = 60
Sample Type	Serum/Plasma
Sample Size (AU400/AU640)	Serum/Plasma: 2.5 µL Urine: N/A CSF: N/A
Sample Size (AU480/AU680/AU2700/AU5400)	Serum/Plasma: 2.5 µL (AU480: 2 µL) Urine: N/A CSF: N/A
Sample Size (AU5800)	Serum/Plasma: N/A Urine: 2.0 µL CSF: N/A
Cutoff Level	Serum/Plasma: N/A Urine: N/A CSF: N/A
Analytical Range (UDR)	Serum/Plasma: User-defined Urine: N/A CSF: N/A
Comment(s)	User-defined reagent Not available in Puerto Rico

	Chloride	Potassium
Abbreviation	CL	K
Kit: AU400/AU640	MU9196 (40000 tests/electrode)	MU9195 (40000 tests/electrode)
Kit: AU480/AU680/AU2700/ AU5400	MU9196 (40000 tests/electrode)	MU9195 (40000 tests/electrode)
Kit: AU5800	MU9196 (40000 tests/electrode)	MU9195 (40000 tests/electrode)
Calibrator Part Number	Low and High Standards: Serum: AUH1014, AUH1015, Urine: AUH1016	Low and High Standards: Serum: AUH1014, AUH1015, Urine: AUH1016
Control Name (Part Number)	Serum/Plasma: No specific recommendation Urine: No specific recommendation	No specific recommendation
Measurement Principle	ISE - Oriented PVC Membrane	ISE - Crown-Ether Membrane
Reaction Type	N/A	N/A
Primary Wavelength	N/A	N/A
Measuring Points	N/A	N/A
Liquid or Lyophilized	N/A	N/A
Onboard Stability	6 months (electrode) 90 days (reagents)	6 months (electrode) 90 days (reagents)
Storage Temperature	+2 to +25°C	+2 to +25°C
Calibration Frequency	1 Day	1 Day
Compatible Anticoagulants	Lithium Heparin, Ammonium Heparin	Lithium Heparin
Reagent Volume		
AU400/AU640	N/A	N/A
AU480/AU680/AU2700/ AU5400	N/A	N/A
AU5800	N/A	N/A
Sample Type	Serum/Plasma/Urine	Serum/Plasma/Urine
Sample Size (AU400/AU640)	Serum/Plasma: 20 µL Urine: 25 µL CSF: N/A	Serum/Plasma: 20 µL Urine: 25 µL CSF: N/A
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: 20 µL Urine: 20 µL CSF: N/A	Serum/Plasma: 20 µL Urine: 20 µL CSF: N/A
Sample Size (AU5800)	Serum/Plasma: 20 µL Urine: 20 µL CSF: N/A	Serum/Plasma: 20 µL Urine: 20 µL CSF: N/A
Analytical Range	Serum/Plasma: 50-200 mEq/L Urine: 15-400 mEq/L CSF: N/A	Serum/Plasma: 1-10 mEq/L Urine: 2-200 mEq/L CSF: N/A
Reference Interval	Serum/Plasma: 98-107 mEq/L Urine: 110-250 mEq/24 hrs CSF: N/A	Serum/Plasma: 3.5-5.1 mEq/L Urine: 25-125 mEq/24 hrs CSF: N/A
Precision Specification	Serum/Plasma: < 5% CV Urine: < 5% CV CSF: N/A	Serum/Plasma: < 5% CV Urine: < 5% CV CSF: N/A
Comment(s)	Reagents: AUH1011 Buffer, AUH1012 Mid-Standard, AUH1013 Reference	Reagents: AUH1011 Buffer, AUH1012 Mid-Standard, AUH1013 Reference

Sodium

Abbreviation	NA	
Kit: AU400/AU640	MU9194 (40000 tests/electrode)	
Kit: AU480/AU680/AU2700/ AU5400	MU9194 (40000 tests/electrode)	
Kit: AU5800	MU9194 (40000 tests/electrode)	
Calibrator Part Number	Low and High Standards: Serum: AUH1014, AUH1015, Urine: AUH1016	
Control Name (Part Number)	No specific recommendation	
Measurement Principle	ISE - Crown-Ether Membrane	
Reaction Type	N/A	
Primary Wavelength	N/A	
Measuring Points	N/A	
Liquid or Lyophilized	N/A	
Onboard Stability	6 months (electrode) 90 days (reagents)	
Storage Temperature	+2 to +25°C	
Calibration Frequency	1 Day	
Compatible Anticoagulants	Lithium Heparin, Ammonium Heparin	
Reagent Volume		
AU400/AU640	N/A	
AU480/AU680/AU2700/ AU5400	N/A	
AU5800	N/A	
Sample Type	Serum/Plasma/Urine	
Sample Size (AU400/AU640)	Serum/Plasma: 20 µL Urine: 25 µL CSF: N/A	
Sample Size (AU480/AU680/AU2700/ AU5400)	Serum/Plasma: 20 µL Urine: 20 µL CSF: N/A	
Sample Size (AU5800)	Serum/Plasma: 20 µL Urine: 20 µL CSF: N/A	
Analytical Range		SI Units
	Serum/Plasma: 50-200 mEq/L Urine: 10-400 mEq/L CSF: N/A	Serum/Plasma: 50-200 mmol/L Urine: 10-400 mmol/L CSF: N/A
Reference Interval		
	Serum/Plasma: 136-145 mEq/L Urine: 40-220 mEq/24hrs CSF: N/A	Serum/Plasma: 136-145 mmol/L Urine: 40-220 mmol/24 hrs CSF: N/A
Precision Specification		
	Serum/Plasma: < 5% CV Urine: < 5% CV CSF: N/A	Serum/Plasma: < 5% CV Urine: < 5% CV CSF: N/A
Comment(s)	Reagents: AUH1011 Buffer, AUH1012 Mid-Standard, AUH1013 Reference	

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Ecstasy (500 cutoff/semi-quantitative).....	55
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Gentamicin.....	35
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Methadone (semi-quantitative).....	58
Methaqualone (300 cutoff).....	58
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