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# ADVIA Chemistry XPT Assays Overview

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# ADVIA® Chemistry XPT Assays Overview

Discipline [Disease State]	Assay Name [Test Mnemonic]	REF [SMN]	Tests [Kit Config.]	Specimen Types	Analytical Measuring Range [SI Units]	Assay Principle	On Board Stability	Calibrator	Calibration Interval	Reagent Blank (RBL) Frequency	IFU Reference
General Chemistry	Albumin BCP [ALBP]	10711840 [10711840]	3200 [4 x 800]	S, P (EDTA, Li Hep)	0.6–8.0 g/dL [6–80 g/L]	BCG dye binding	60 days	Albumin BCP Cal 10711842	60 days	35 days	10699584_EN Rev. B, 2014-06
		10711841 [10711841]	6100 [4 x 1525]								
General Chemistry	Alkaline Phosphatase [ALPAMP]	03035814 [10309049]	2450 [7 x 350]	S, P (Li Hep)	12–1100 U/L [12–1100 U/L]	Modified IFCC	9 days with RCI [4 days w/o RCI]	Fixed factor	NA	Daily	10994878_EN Rev. F, 2014-06
General Chemistry	Alkaline Phosphatase [ALPA_c]	06860450 [10283340]	7440 [6 x 1240]	S, P (Li Hep)	9–1100 U/L [9–1100 U/L]	Modified IFCC	10 days with RCI [5 days w/o RCI]	Fixed factor	NA	Daily	10994877_EN Rev. B, 2014-06
General Chemistry	Alkaline Phosphatase [ALPDEA]	03036535 [10341131]	2485 [7 x 355]	S, P (Li Hep)	5–1600 U/L [5–1600 U/L]	DEA	40 days with RCI [8 days w/o RCI]	Fixed factor	NA	Daily	10699587_EN Rev. F, 2014-06 (OUS)
General Chemistry	Alanine Aminotransferase [ALT]	07501976 [10309500]	2520 [7 x 360]	S, P (Li Hep)	8–1100 U/L [8–1100 U/L]	Modified IFCC	60 days	Fixed factor	NA	Daily	10699588_EN Rev. F, 2014-06
		03036926 [10318168]	4020 [6 x 670]								
General Chemistry	Alanine Aminotransferase [ALTP5P]	07501976 [10309500]	2520 [7 x 360]	S, P (Li Hep)	9–1000 U/L [9–1000 U/L]	IFCC	30 days	Fixed factor	NA	Daily	10699591_EN Rev. G, 2014-06
		03036926 [10318168]	4020 [6 x 670]								
General Chemistry	Alanine Aminotransferase [ALT_c]	06860469 [10283341]	5100 [6 x 850]	S, P (Li Hep)	9–1100 U/L [9–1100 U/L]	Modified IFCC	45 days	Fixed factor	NA	Daily	10699589_EN Rev. D, 2014-06
General Chemistry	Alanine Aminotransferase [ALTP_c]	06860469 [10283341]	5100 [6 x 850]	S, P (Li Hep)	8–1000 U/L [8–1000 U/L]	Modified IFCC	30 days	Fixed factor	NA	Daily	10699590_EN Rev. D, 2014-06
General Chemistry	Ammonia [AMM]	00735335 [10286035]	200 [2 x 100]	S, P (EDTA, Li Hep)	8.8–1300 µg/dL [5.2–763.1 µmol/L]	Enzymatic	30 days	Tox/Ammonia Cal 10309217	30 days	Daily	10699592_EN Rev. G, 2014-06
General Chemistry	Amylase [AMYLAS]	07498401 [10309493]	1225 [7 x 175]	S, P (EDTA, Li Hep) U	S,P: 2–1500 U/L [2–1500 U/L] U: 1–1500 U/L	Ethylidene blocked-pNPG7	50 days	Fixed factor	NA	Daily	10699594_EN Rev. E, 2014-06
		03031177 [10341130]	2485 [7 x 355]								
General Chemistry	Aspartate Aminotransferase [AST]	07499718 [10309496]	2520 [7 x 360]	S, P (Li Hep)	8–1000 U/L [8–1000 U/L]	Modified IFCC	60 days	Fixed factor	NA	Daily	10699598_EN Rev. E, 2014-06
		03039631 [10341132]	4020 [6 x 670]								

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General Chemistry	Aspartate Aminotransferase [ASTP5P]	03039631 10341132	2520 [7 x 360]	S, P (Li Hep)	4–1000 U/L [4–1000 U/L]	IFCC	30 days	Fixed factor	NA	Daily	10699601_EN Rev. F, 2014-06
		07499718 [10309496]	4020 [6 x 670]								
General Chemistry	Aspartate Aminotransferase [AST_c]	06860485 [10283343]	5100 [6 x 850]	S, P (Li Hep)	8–1000 U/L [8–1000 U/L]	Modified IFCC	60 days	Fixed factor	NA	Daily	10699599_EN Rev. D, 2014-06
General Chemistry	Aspartate Aminotransferase [ASTP_c]	06860485 [10283343]	5100 [6 x 850]	S, P (Li Hep)	4–1000 U/L [4–1000 U/L]	Modified IFCC	30 days	Fixed factor	NA	Daily	10699600_EN Rev. D, 2014-06
General Chemistry	Calcium [CA]	07506552 [10309504]	2506 [7 x 358]	S, P (Li Hep) U	S, P: 1.0–15.0 mg/dL [0.25–3.75 mmol/L] U: 1–30 mg/dL [0.25–7.5 mmol/L]	CPC	30 days with RCI [14 days w/o RCI]	Chemistry Cal 10312279	4 days with RCI (Daily w/o RCI)	At calibration	10699607_EN Rev. E, 2014-06
		04802312 [10286036]	4050 [6 x 675]								
General Chemistry	Calcium [CA_c]	06502821 [10282576]	5800 [4 x 1450]	S, P (Li Hep) U	S, P: 1.0–15.0 mg/dL [0.25–3.75 mmol/L] U: 1–30 mg/dL [0.25–7.5 mmol/L]	CPC	30 days with RCI [14 days w/o RCI]	Chemistry Cal 10312279	4 days with RCI (Daily w/o RCI)	At calibration	10699610_EN Rev. B, 2014-06
General Chemistry	Calcium [CA_2]	02189915 [10341116]	2030 [7 x 290]	S, P (Li Hep) U	S, P: 0.9–16.0 mg/dL [0.23–4.00 mmol/L] U: 1–32 mg/dL [0.25–8.0]	Arsenazo III	30 days	Chemistry Cal 10312279	24 days	At calibration	10699608_EN Rev. E, 2014-06
		02189699 [10316612]	4400 [8 x 550]								
General Chemistry	Calcium [CA_2c]	06860493 [10283344]	6800 [4 x 1700]	S, P (Li Hep) U	S, P: 0.9–16.0 mg/dL [0.23–4.00 mmol/L] U: 1–32 mg/dL [0.25–8.0]	Arsenazo III	42 days	Chemistry Cal 10312279	21 days	At calibration	10699609_EN Rev. B, 2014-06
General Chemistry	Carbon Dioxide [CO2_c]	06860507 [10283345]	7520 [4 x 1880]	S, P (Li Hep)	1–40 mEq/L [1–40 mEq/L]	Enzymatic	30 days	CO2 Cal 10326423	Daily	Daily	10699617_EN Rev. A, 2014-06
General Chemistry	Cholesterol [CHOL_2]	10376501 [10376501]	2450 [7 x 350]	S, P (Li Hep)	10–675 mg/dL [0.26–17.48 mmol/L]	Enzymatic	60 days	Chemistry Cal 10312279	60 days	7 days	10699613_EN Rev. B, 2014-06
General Chemistry	Cholesterol [CHOL_c]	04993681 10335874]	8400 [4 x 2100]	S, P (Li Hep)	10–675 mg/dL [0.26–17.48 mmol/L]	Enzymatic	60 days	Chemistry Cal 10312279	60 days	7 days	10699614_EN Rev. B, 2014-06
General Chemistry	HDL Cholesterol [D-HDL]	07511947 [10309507]	1304 [4 x 326]	S, P (EDTA, Li Hep)	5–115 mg/dL [0.13–2.98 mmol/L]	Elimination/catalase	60 days	HDL/LDL Cal 10311918	30 days	At calibration	10699624_EN Rev. E, 2014-06
		06521559 [10283089]	4020 [6 x 670]								
General Chemistry	LDL Cholesterol [D LDL]	09796248 [10311891]	752 [4 x 188]	S, P (EDTA, Li Hep)	8–1000 mg/dL [0.21–25.90 mmol/L]	Elimination/catalase	14 days	HDL/LDL Cal 10311918	14 days	At calibration	10699626_EN Rev. D, 2014-06
General Chemistry	Cholinesterase [CHE]	01410545 [10315176]	480 [4 x 120]	S, P (Li Hep)	1363–30,000 U/L [1363–30,000 U/L]	Butyrylthiocholine/5-thio-2-nitrobenzoate	7 days	Chemistry Cal 10312279	NA	Daily	10699612_EN Rev. D, 2014-06

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General Chemistry	Creatine Kinase [CK NAC]	07498541 [10309494]	980 [7 x 140]	S, P (Li Hep)	3–1300 U/L [3–1300 U/L]	NAC activated, IFCC	10 days	Fixed factor	NA	Daily	10699615_EN Rev. D, 2014-06
		02096577 [10341111]	1080 [4 x 270]								
General Chemistry	Creatinine [CREA_2]	03039070 [10309050]	4020 [6 x 670]	S, P (Li Hep) U	S, P: 0.11–25.00 mg/dL [10–2210 µmol/L] U: 3.0–300 mg/dL [265–26,250 µmol/L]	Jaffe, alkaline picrate, kinetic with blank rate correction	20 days with RCI [9 days w/o RCI]	Chemistry Cal 10312279	3 days	At calibration	10699620_EN Rev. J, 2014-06
General Chemistry	Creatinine [CRE_2c]	06860515 [10283346]	9440 [4 x 2360]	S, P (Li Hep) U	S, P: 0.11–25.00 mg/dL [10–2210 µmol/L] U: 3.0–300 mg/dL [265–26,250 µmol/L]	Jaffe, alkaline picrate, kinetic with blank rate correction	35 days with RCI [15 days w/o RCI]	Chemistry Cal 10312279	20 days (3 days w/o RCI)	At calibration	10699619_EN Rev. D, 2014-06
General Chemistry	Enzymatic Creatinine [ECRE_2]	04992596 [10335869]	1400 [4 x 350]	S, P (EDTA, Li Hep) U	S, P: 0.10–30.00 mg/dL [9–2652 µmol/L] U: 1.00–300 mg/dL [88–26,520 µmol/L]	Creatininase	60 days	Chemistry Cal 10312279	60 days	At calibration	10699627_EN Rev. F, 2014-06
General Chemistry	Cystatin C [CYSC]	04851534 [10361930]	400 [4 x 100]	S, P (EDTA, Li Hep)	0.08–8.30 mg/L [0.08–8.30 mg/L]	Latex enhanced immunoturbidimetric	60 days	Cystatin C Cal 10376487	60 days	At calibration	10699622_EN Rev. E, 2014-06
General Chemistry	Direct Bilirubin [DBIL_2]	02189494 [10316610]	520 [4 x 130]	S, P (Li Hep)	0.1–15.0 mg/dL [2–257 µmol/L]	Vanadate oxidation	30 days	Chemistry Cal 10312279	30 days	At calibration	10699623_EN Rev. G, 2015-01
		02188390 [10341114]	2688 [4 x 672]								
General Chemistry	Gamma-Glutamyl Transferase [GGT]	07498649 [10309495]	980 [7 x 140]	S, P (Li Hep)	6–1200 U/L [6–1200 U/L]	Modified IFCC	30 days	Fixed factor	NA	Daily	10699632_EN Rev. E, 2014-06
		02011954 [10316298]	2700 [4 x 675]								
General Chemistry	Glucose [GLUH_3]	05001429 [10335891]	3960 [6 x 660]	S, P (EDTA, Li Hep) U,CSF	4–700 mg/dL [0.2–38.9 mmol/L]	Hexokinase	60 days	Chemistry Cal 10312279	60 days	60 days	10996890_EN Rev. D, 2014-06 (US)
				S, P (EDTA, Li Hep, Na FL/K oxalate) U,CSF							10699633_EN Rev. D, 2014-06 (OUS)
General Chemistry	Glucose [GLUH_c]	10377502 [10377502]	9400 [4 x 2350]	S, P (EDTA, Li Hep) U,CSF	4–700 mg/dL [0.2–38.9 mmol/L]	Hexokinase	60 days	Chemistry Cal 10312279	60 days	30 days	10996891_EN Rev. C, 2014-06 (US)
				S, P (EDTA, Li Hep, Na FL/K oxalate) U,CSF							10699634_EN Rev. C, 2014-06 (OUS)

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General Chemistry	Glucose [GLUO]	10492319 [10492319]	2450 [7 x 350]	S, P (Li Hep) U,CSF	6–750 mg/dL [0.3–41.6 mmol/L]	Glucose Oxidase Trinder	60 days	Chemistry Cal 10312279	60 days	7days	10996888_EN Rev. E, 2014-12 (US)
											10699635_EN Rev. E, 2014-06 (OUS)
General Chemistry	Glucose [GLUO_C]	04993223 [10335872]	8480 [4 x 2120]	S, P (Li Hep) U,CSF	6–750 mg/dL [0.3–41.6 mmol/L]	Glucose Oxidase Trinder	60 days	Chemistry Cal 10312279	60 days	7 days	10996889_EN Rev. B, 2014-06 (US)
											10699636_EN Rev. B, 2014-06 (OUS)
General Chemistry	Inorganic Phosphorus [IP]	07506099 [10309503]	2506 [7 x 358]	S, P (Li Hep) U	S, P: 0.3–20.0 mg/dL [0.10–6.46 mmol/L] U: 4.0–200 mg/dL [1.29–64.60 mmol/L]	Phosphomolybdate/UV	50 days	Chemistry Cal 10312279	50 days	7 days	10699642_EN Rev. F, 2014-06
		03056927 [10318211]	4020 [6 x 670]								
General Chemistry	Inorganic Phosphorus [IP_c]	06860523 [10283347]	10,200 [6 x 1700]	S, P (Li Hep) U	S, P: 0.3–20.0 mg/dL [0.10–6.46 mmol/L] U: 4.0–200 mg/dL [1.29–64.60 mmol/L]	Phosphomolybdate/UV	60 days	Chemistry Cal 10312279	60 days	7 days	10699643_EN Rev. D, 2014-06
General Chemistry	Iron [IRON_2]	02194838 [10341118]	1015 [7 x 145]	S, P (Li Hep)	2–1000 µg/dL [0.4–179.0 umol/L]	Ferrozine	60 days	Chemistry Cal 10312279	60 days	At calibration	10699644_EN Rev. E, 2014-06
		10377510 [10377510]	2100 [6 x 350]								
General Chemistry	Lactate Dehydrogenase [LDLP]	07502115 [10309501]	1918 [7 x 274]	S, P (Li Hep)	13–700 U/L [13–700 U/L]	Lactate/NAD	30 days	Fixed factor	NA	Daily	10699647_EN Rev. D, 2014-06
		03029628 [10341128]	4020 [6 x 670]								
General Chemistry	Lactate Dehydrogenase [LDPL]	07502999 [10309502]	1790 [5 x 358]	S, P (Li Hep)	10–1100 U/L [10–1100 U/L]	Pyruvate/NADH	50 days	Fixed factor	NA	Daily	10699648_EN Rev. E, 2014-06
		03030863 [10341129]	4020 [6 x 670]								
General Chemistry	Lactate [LAC]	07109944 [10325776]	300 [3 x 100]	P (EDTA, Hep Citrate, Ox/FI)	0.3–70.0 mg/dL [0.03–7.77 mmol/L]	Lactate oxidase, colorimetric	45 days	Special CHEM Cal 10311926	45 days	At calibration	10699646_EN Rev. F, 2014-06
General Chemistry	Lipase [LIP]	01984894 [10311896]	640 [4 x 160]	S, P (Li Hep)	9–700 U/L [9–700 U/L]	Colorimetric rate	10 days	Special CHEM Cal 10311926	10 days	At calibration	10699649_EN Rev. E, 2014-06
General Chemistry	Magnesium [MG]	07508865 [10309506]	980 [7 x 140]	S, P (Li Hep) U	S, P: 0.4–5.0 mg/dL [0.16–2.06 mmol/L] U: 0.9–25.0 mg/dL [0.37–10.28]	Xylidyl blue	7 days with RCI [4 days w/o RCI]	Chemistry Cal 10312279	4 days	At calibration	10699654_EN Rev. G, 2014-06
		02271328 [10341119]	1120 [4 x 280]								

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General Chemistry	Magnesium [MG_c]	04992960 [10335871]	7620 [6 x 1270]	S, P (Li Hep) U	S, P: 0.4–5.0 mg/dL [0.16–2.06 mmol/L] U: 0.9–25.0 mg/dL [0.37–10.28]	Xylidyl blue	10 days with RCI [4 days w/o RCI]	Chemistry Cal 10312279	10 days with RCI (4 days w/o RCI)	At calibration	10699655_EN Rev. D, 2014-06
General Chemistry	Pancreatic Amylase [PAMY]	01410820 [10315178]	910 [7 x 130]	S	2–1500 U/L [2–1500 U/L]	Antibody-blocked colorimetric amylase	60 days	Fixed factor	NA	Daily	10699659_EN Rev. D, 2014-06
General Chemistry	Total Bilirubin [TBIL_2]	02189346 [10341115]	1424 [4 x 356]	S, P (Li Hep)	0.1–35.0 mg/dL [2–599 µmol/L]	Vanadate oxidation	60 days	Chemistry Cal 10312279	60 days	At calibration	10699674_EN Rev. F, 2015-01
		02188064 [10341113]	2688 [4 x 672]								
General Chemistry	Total Iron Binding Capacity [TIBC]	03940010 [10309071]	400 [4 x 100]	S	47–670 µg/dL [8.4–119.9 µmol/L]	Sequential release and uptake of iron	7 days with RCI	Special CHEM Cal 10311926	7 days with RCI	At calibration	10699678_EN Rev. D, 2014-06
General Chemistry	Total Protein [TP]	01803350 [10311878]	3400 [4 x 850]	S, P (Li Hep)	2.0–12.0 g/dL [20–120 g/L]	Biuret	60 days with RCI [21 days w/o RCI]	Chemistry Cal 10312279	30 days with RCI (21 days w/o RCI)	At calibration	10699680_EN Rev. H, 2014-06
General Chemistry	Total Protein [TP_c]	06860531 [10283348]	12,240 [4 x 3060]	S, P (Li Hep)	2.0–12.0 g/dL [20–120 g/L]	Biuret	60 days with RCI [30 days w/o RCI]	Chemistry Cal 10312279	30 days with RCI (21 days w/o RCI)	At calibration	10699681_EN Rev. C, 2014-06
General Chemistry	Triglycerides [TRIG_2]	10335892 [10335892]	1432 [4 x 358]	S, P (EDTA)	10–550 mg/dL [0.11–6.22 mmol/L]	GPO, Trinder without serum blank	60 days	Chemistry Cal 10312279	60 days	14 days	10699684_EN Rev. B, 2014-07
General Chemistry	Triglycerides [TRIG_c]	10697575 [10697575]	4252 [4 x 1063]	S, P (EDTA)	10–550 mg/dL [0.11–6.22 mmol/L]	GPO, Trinder without serum blank	60 days	Chemistry Cal 10312279	60 days	14 days	10699685_EN Rev. B, 2014-07
General Chemistry	Urea Nitrogen [UN]	03040257 [10309051]	4020 [6 x 670]	S, P (Li Hep) U	4–150 mg/dL [1.4–53.6 mmol/L] U: 35–1000 mg/dl [12.5–357.0 mmol/L]	Urease with GLDH	30 days	Chemistry Cal 10312279	30 days	At calibration	10699688_EN Rev. D, 2014-06
General Chemistry	Urea Nitrogen [UN_c]	06860558 [10283349]	9440 [4 x 2360]	S, P (Li Hep) U	S, P: 4–150 mg/dL [1.4–53.6 mmol/L] U: 35–1000 mg/dL [12.5–357.0 mmol/L]	Urease with GLDH	30 days	Chemistry Cal 10312279	30 days	7 days	10699689_EN Rev. B, 2014-06
General Chemistry	Uric Acid [UA]	07497014 [10309492]	980 [7 x 140]	S, P (Li Hep)	0.5–20.0 mg/dL [30–1190 µmol/L]	Uricase/Peroxidase	60 days	Chemistry Cal 10312279	60 days	7 days	10699686_EN Rev. E, 2014-06
		03051305 [10341133]	4020 [6 x 670]								
General Chemistry	Uric Acid [UA_c]	04993452 [10335873]	7500 [6 x 1250]	S, P (Li Hep)	0.5–20.0 mg/dL [30–1190 µmol/L]	Uricase/Peroxidase	60 days	Chemistry Cal 10312279	60 days	7 days	10699687_EN Rev. C, 2014-06
General Chemistry	Total Protein [UPRO_2]	05000171 [10335885]	776 [4 x 194]	U CSF	U: 1.1–125 mg/dL [11–1250 mg/L] CSF: 1.2–125 mg/dL [12–1250 mg/L]	Dye binding	60 days with RCI [49 days w/o RCI]	Urine Protein Cal 10311930	30 days with RCI (14 days w/o RCI)	At calibration	10699690_EN Rev. E, 2014-06
Diabetes	Fructosamine [FRUCT]	04862501 [10361941]	200 [2 x 100]	S, P (EDTA, Li Hep)	30–1000 µmol/L [30–1000 µmol/L]	Enzymatic reaction	60 days	Fructosamine Cal 10285684	28 days	At calibration	10699630_EN Rev. B, 2015-01

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Diabetes	Hemoglobin A1c [A1c_3]	10379673 [10379673]	160 [2 x 80]	S, P (EDTA, Li Hep)	2.9–55.4% [8–144 mmol/mol]	Competition between hydrolysed sample HbA1c and agglutinator for anti_HbA1c antibody	30 days with RCI [7 days w/o RCI]	A1c_3 Cal 10491408	14 days with RCI (7 days w/o RCI)	At calibration	10699579_EN Rev. B, 2014-06
		10485591 [10485591]	800 [4 x 200]								
Diabetes	Hemoglobin A1c [A1c_3M]	10379673 [10379673]	160 [2 x 80]	S, P (EDTA, Li Hep)	2.9–55.4% [8–144 mmol/mol]	Competition between hydrolysed sample HbA1c and agglutinator for anti_HbA1c antibody	30 days with RCI (7 days w/o RCI)	A1c_3 Cal 10491408	14 days with RCI (7 days w/o RCI)	At calibration	10699579_EN Rev. B, 2014-06
		10485591 [10485591]	800 [4 x 200]								
Diabetes	Microalbumin [uALB_2]	03051194 [10318197]	420 [4 x 105]	U	0.3–42.0 mg/dL [3–420 mg/L]	PEG–enhanced immunoturbidimetric	60 days	Microalbumin Cal 10337470	60 days	At calibration	10699695_EN Rev. F, 2014-06
Drugs of Abuse	Amphetamines [AMPH_2]	10378758 [10378758]	760 [4 x 190]	U	Semi-Quantitative Cutoff 300 ng/mL [100–1000 ng/mL] 500 ng/mL [150–1800 ng/mL] 1000 ng/mL [265–1800 ng/mL]	Enzyme multiplied immunoassay technique (EMIT)	30 days	Emit® Cals/Controls Level 0 9A509UL Level 1 9A529UL Level 2 9A549UL Level 3 9A569UL Level 4 9A589UL Level 5 9A609UL	30 days	Daily	10699593_EN Rev. C, 2014-06
Drugs of Abuse	Barbiturates [BARB_2]	10378759 [10378759]	760 [4 x 190]	U	Semi-Quantitative Cutoff 200 ng/mL [40–750 ng/mL] 300 ng/mL [40–750 ng/mL]	Enzyme multiplied immunoassay technique (EMIT)	30 days	Emit Cals/Controls Level 0 9A509UL Level 1 9A529UL Level 2 9A549UL Level 3 9A569UL Level 4 9A589UL Level 5 9A609UL	30 days	Daily	10699603_EN Rev. C, 2014-06
Drugs of Abuse	Benzodiazepine [BENZ_2]	10378760 [10378760]	760 [4 x 190]	U	Semi-Quantitative Cutoff 200 ng/mL [50–900 ng/mL] 300 ng/mL [50–900 ng/mL] Qualitative	Enzyme multiplied immunoassay technique (EMIT)	30 days	Emit Cals/Controls Level 0 9A509UL Level 1 9A529UL Level 2 9A549UL Level 3 9A569UL Level 4 9A589UL Level 5 9A609UL	30 days	Daily	10699604_EN Rev. C, 2014-06
Drugs of Abuse	Cannabinoid [THC_2]	10378766 [10378766]	760 [4 x 190]	U	Semi-Quantitative Cutoff 20 ng/mL [11–55 ng/mL] 50 ng/mL [15–113 ng/mL] 100 ng/mL [20–180 ng/mL] Qualitative	Enzyme multiplied immunoassay technique (EMIT)	30 days	Emit Cals/Controls Level 0 9A509UL Level 1 9A529UL Level 2 9A549UL Level 3 9A569UL Level 4 9A589UL Level 5 9A609UL	30 days	Daily	10699676_EN Rev. C, 2014-06

Discipline [Disease State]	Assay Name [Test Mnemonic]	REF [SMN]	Tests [Kit Config.]	Specimen Types	Analytical Measuring Range [SI Units]	Assay Principle	On Board Stability	Calibrator	Calibration Interval	Reagent Blank (RBL) Frequency	IFU Reference
Drugs of Abuse	Cocaine [COCA_2]	10378761 [10378761]	760 [4 x 190]	U	Semi-Quantitative Cutoff 150 ng/mL [36-900 ng/mL] 300 ng/mL [36-900 ng/mL]	Enzyme multiplied immunoassay technique (EMIT)	30 days	Emit Cals/Controls Level 0 9A509UL Level 1 9A529UL Level 2 9A549UL Level 3 9A569UL Level 4 9A589UL Level 5 9A609UL	30 days	Daily	10699618_EN Rev. C, 2014-06
Drugs of Abuse	Ecstasy [XTC]	10378735 [10378735]	760 [4 x 190]	U	Semi-Quantitative Cutoff 300 ng/mL [75-500 ng/mL] 500 ng/mL [75-1000 ng/mL]	Enzyme multiplied immunoassay technique (EMIT)	30 days	Emit II Plus Ecstasy Cals/Controls Level 0 9A509UL Level 1 9X529UL Level 2 9X549UL Level 3 9X569UL Level 4 9X589UL	15 days	Daily	10699694_EN Rev. D, 2014-06
Drugs of Abuse	Methadone [MDN_2]	10378762 [10378762]	760 [4 x 190]	U	Semi-Quantitative Cutoff 150 ng/mL [40-450 ng/mL] 300 ng/mL [90-900 ng/mL] Qualitative	Enzyme multiplied immunoassay technique (EMIT)	30 days	Emit Cals/Controls Level 0 9A509UL Level 1 9A529UL Level 2 9A549UL Level 3 9A569UL Level 4 9A589UL Level 5 9A609UL	30 days	Daily	10699652_EN Rev. C, 2014-06
Drugs of Abuse	Methadone Metabolite [METMTB]	05038055 [10335933]	1000 [4 x 250]	U	Cutoff 1000 ng/mL 0-1000 ng/mL [0-1000 ng/mL]	Homogenous competitive enzyme immunoassay	45 days	Methadone Metabolite Urine Cal 10283006 Negative Drug Urine Cal 10313977	14 days	Daily	10699653_EN Rev. D, 2014-06
Drugs of Abuse	Opiates [OP_2]	10378763 [10378763]	760 [4 x 190]	U	Semi-Quantitative Cutoff 300 ng/mL [75-1800 ng/mL] 2000 ng/mL [320-3800 ng/mL] Qualitative	Enzyme multiplied immunoassay technique (EMIT)	30 days	Emit Cals/Controls Level 0 9A509UL Level 1 9A529UL Level 2 9A549UL Level 3 9A569UL Level 4 9A589UL Level 5 9A609UL	30 days	Daily	10699658_EN Rev. D, 2014-09
Drugs of Abuse	Phencyclidine [PCP_2]	10378764 [10378764]	760 [4 x 190]	U	Semi-Quantitative Cutoff 25 ng/mL [4-90 ng/mL] Qualitative	Enzyme multiplied immunoassay technique (EMIT)	30 days	Emit Cals/Controls Level 0 9A509UL Level 1 9A529UL Level 2 9A549UL Level 3 9A569UL Level 4 9A589UL Level 5 9A609UL	30 days	Daily	10699660_EN Rev. B, 2014-06
Drugs of Abuse	Propoxyphene [PPX_2]	10378765 [10378765]	760 [4 x 190]	U	Semi-Quantitative Cutoff 300 ng/mL [103-450 ng/mL] Qualitative	Enzyme multiplied immunoassay technique (EMIT)	30 days	Emit Cals/Controls Level 0 9A509UL Level 1 9A529UL Level 2 9A549UL Level 3 9A569UL Level 4 9A589UL Level 5 9A609UL	30 days	Daily	10699663_EN Rev. C, 2014-06



Discipline [Disease State]	Assay Name [Test Mnemonic]	REF [SMN]	Tests [Kit Config.]	Specimen Types	Analytical Measuring Range [SI Units]	Assay Principle	On Board Stability	Calibrator	Calibration Interval	Reagent Blank (RBL) Frequency	IFU Reference
ISE	Chloride [CL]	07097504 [10309439]		S, P, U	S, P: 15–200 mEq/L [15–200 mmol/L] U: 15–400 mEq/L [15–400 mmol/L]	Indirect potentiometric		ISE STD Serum 10311903 ISE STD Urine 10311904	Daily	NA	10699616_EN Rev. E, 2014-06
ISE	Potassium [K]	06135445 [10309440]		S, P, U	S, P: 1–10 mEq/L [1–10 mmol/L] U: 3–300 mEq/L [3–300 mmol/L]	Indirect potentiometric		ISE STD Serum 10311903 ISE STD Urine 10311904	Daily	NA	10699645_EN Rev. F, 2014-06
ISE	Sodium [NA]	03092699 [10309441]		S, P, U	S, P: 100–200 mEq/L [100–200 mmol/L] U: 10–400 mEq/L [10–400 mmol/L]	Indirect potentiometric		ISE STD Serum 10311903 ISE STD Urine 10311904	Daily	NA	10699657_EN Rev. E, 2014-06
Specific Proteins	Alpha-1 - Acid Glycoprotein [AAG]	04862129 [10361936]	200 [2 x 100]	S, P (EDTA, Li Hep)	5.0–675 mg/dL [0.05–6.75 g/L]	PEG immunturbidimetric	60 days	Liquid Specific Protein Cal 10311929	28 days with RCI (14 days w/o RCI)	At calibration	10699581_EN Rev. B, 2014-06
Specific Proteins	Alpha-1- Antitrypsin [AAT]	03059241 [10318221]	200 [2 x 100]	S, P (Li Hep)	15–540 mg/dL [0.15–5.40 g/L]	PEG immunturbidimetric	42 days	Liquid Specific Protein Cal 10311929	7 days	At calibration	10699582_EN Rev. E, 2014-06
Specific Proteins	Anti-Streptolysin O [ASO_2]	03055483 [10318208]	200 [2 x 100]	S, P (Li Hep)	20.3–1000 IU/mL [20.3–1000 IU/mL]	Latex-enhanced immunoturbidimetric	60 days	Liquid Specific Protein Cal 10311929	60 days	At calibration	10699597_EN Rev. D, 2014-06
Specific Proteins	Apolipoprotein A-1 [APO A1]	03050910 [10318196]	150 [2 x 75]	S, P (Li Hep)	15–260 mg/dL [0.15–2.6 g/L]	PEG immunturbidimetric	14 days	APO A1/B Cal 10311898	14 days	Daily	10699595_EN Rev. F, 2014-06
Specific Proteins	Apolipoprotein B [APO B]	03055068 [10318207]	170 [2 x 85]	S, P (Li Hep)	15–260 mg/dL [0.15–2.6 g/L]	PEG immunturbidimetric	30 days	APO A1/B Cal 10311898	30 days	Daily	10699596_EN Rev. F, 2014-06
Specific Proteins	Beta-2 Microglobulin [B2M]	04862161 [10361937]	200 [2 x 100]	S, P (EDTA, Li Hep)	0.20–18.0 mg/L [0.20–18.0 mg/L]	Latex-enhanced immunoturbidimetric	60 days	B2M Cal 10285680	21 days	Daily	10699602_EN Rev. B, 2014-06
Specific Proteins	C- Reactive Protein [CRP_2]	06522059 [10283129]	1000 [4 x 250]	S, P (Li Hep)	4–336 mg/L [0.4–33.6 mg/dL]	Latex-enhanced immunoturbidimetric	60 days	CRP_2 Cal 10337471	60 days	At calibration	10699621_EN Rev. E, 2014-06
Specific Proteins	Complement C3 [C3]	03060444 [10309053]	200 [2 x 100]	S	0.9–550 mg/dL [0.01–5.50 g/L]	PEG-enhanced immunoturbidimetric	42 days	Liquid Specific Protein Cal 10311929	14 days	At calibration	10699605_EN Rev. E, 2014-06
Specific Proteins	Complement C4 [C4]	03060770 [10309054]	200 [2 x 100]	S	0.3–150.0 mg/dL [0.01–1.50 g/L]	PEG-enhanced immunoturbidimetric	42 days	Liquid Specific Protein Cal 10311929	14 days	At calibration	10699606_EN Rev. D, 2014-06
Specific Proteins	Ferritin [FRT]	04862277 [10361938]	800 [4 x 200]	S, P (EDTA, Li Hep)	6.0–500.0 ng/mL [6.0–500] µg/L]	Latex microparticle-enhanced immunoturbidimetric	60 days	Liquid Specific Protein Cal 10311929	60 days	At calibration	10699629_EN Rev. C, 2014-06
		10494078 [10494078]	3200 [4 x 800]								
Specific Proteins	Haptoglobin [HAPT]	06149314 [10323850]	200 [4 x 50]	S	6.0–410 mg/dL [0.06–4.10 g/L]	PEG-enhanced immunoturbidimetric	30 days (180 test kit)	Liquid Specific Protein Cal 10311929	30 days (180 test kit)	At calibration	10699637_EN Rev. E, 2014-06
		0831008 [10314164]	540 [3 x 180]				7 days (50 test kit)		7 days (50 test kit)		

Discipline [Disease State]	Assay Name [Test Mnemonic]	REF [SMN]	Tests [Kit Config.]	Specimen Types	Analytical Measuring Range [SI Units]	Assay Principle	On Board Stability	Calibrator	Calibration Interval	Reagent Blank (RBL) Frequency	IFU Reference
Specific Proteins	CardioPhase® High Sensitivity C Reactive Protein [hsCRP]	06837459 [10283282]	440 [2 x 220]	S, P (EDTA, Li Hep)	0.16–10.0 mg/L [0.16–10.0 mg/L]	Latex-enhanced immunoturbidimetric	60 days	hsCRP Cal 10335897	28 days	At calibration	10699638_EN Rev. D, 2014-06
Specific Proteins	Immunoglobulin A [IGA_2]	02194102 [10309033]	375 [5 x 75]	S, P (Li Hep)	23.7–660 mg/dL [0.24–6.60 g/L]	PEG-enhanced immunoturbidimetric	60 days	Liquid Specific Protein Cal 10311929	60 days	At calibration	10699639_EN Rev. D, 2014-06
Specific Proteins	Immunoglobulin G [IGG_2]	02193432 [10309031]	360 [4 x 90]	S, P (Li Hep)	115–4100 mg/dL [1.15–41.0 g/L]	PEG-enhanced immunoturbidimetric	60 days	Liquid Specific Protein Cal 10311929	60 days	At calibration	10699640_EN Rev. E, 2014-06
Specific Proteins	Immunoglobulin M [IGM_2]	02193483 [10309032]	360 [4 x 90]	S, P (EDTA, Li Hep)	19.7–410.0 mg/dL [0.20–4.10 g/L]	PEG-enhanced immunoturbidimetric	60 days	Liquid Specific Protein Cal 10311929	60 days	At calibration	10699641_EN Rev. F, 2014-06
Specific Proteins	Lipoprotein a [LPA]	04862528 [10361942]	200 [2 x 100]	S, P (Li Hep)	10.00–85.00 mg/dL [0.100–0.850 g/L]	Latex microparticle-enhanced immunoturbidimetry	30 days	LPA Cal 10285017	30 days	At calibration	10697439_EN Rev. C, 2013-06
Specific Proteins	Myoglobin [MYO]	04862455 [10361939]	200 [2 x 100]	S, P (Li Hep)	22.0–680.0 ng/mL [22.0–680.0 ug/L]	Latex microparticle-enhanced immunoturbidimetry	60 days	Myoglobin Cal 10285682	21 days	At calibration	10699656_EN Rev. B, 2014-12
Specific Proteins	Prealbumin [PREALB]	03057680 [10318214]	200 [2 x 100]	S	2.4–80.0 mg/dL [24–800 mg/L]	PEG enhanced immunoturbidimetric	35 days	Liquid Specific Protein Cal 10311929	7 days	At calibration	10699664_EN Rev. E, 2014-06
Specific Proteins	Rheumatoid Factor [RF]	00655137 [10311894]	200 [2 x 100]	S	8.4–110 IU/mL [8.4–110 IU/mL]	Latex-enhanced immunoturbidimetric	30 days	Liquid Specific Protein Cal 10311929	14 days	At calibration	10699665_EN Rev. E, 2014-06
Specific Proteins	Transferrin [TRF]	03059160 [10318218]	440 [4 x 110]	S, P (EDTA, Li Hep)	1–550 mg/dL [0.01–5.50 g/L]	PEG-enhanced immunoturbidimetric	30 days	Liquid Specific Protein Cal 10311929	14 days	At calibration	10494046_EN Rev. F, 2014-06
Specific Proteins	Wide Range C-Reactive Protein [wrCRP]	03108390 [10318309]	440 [2 x 220]	S, P (Li Hep)	0.003–16.4 mg/dL [0.03–164 mg/L]	Latex-enhanced immunoturbidimetric	35 days	WR-CRP Cal 10313256	21 days	At calibration	10494060_EN Rev. F, 2014-06
		0829585 [10341101]	2205 [7 x 315]								
TDM	Carbamazepine [CARB_2]	10376342 [10376342]	400 [4 x 100]	S, P (EDTA, Hep Citrate, Ox/FI)	1.0–22.2 µg/mL [4.2–93.9 µmol/L]	Enzyme multiplied immunoassay technique (EMIT)	30 days with RCI [5 days w/o RCI]	Drug Cal 2 10376771	30 days	Daily	10699611_EN Rev. B, 2014-06
TDM	Digoxin [DIG]	08085984 [10327549]	800 [4 x 200]	S, P (Li Hep)	0.13–5.00 ng/mL [0.17–6.40 nmol/L]	Latex-enhanced immunoturbidimetric	30 days	TDM Cal 10311922	7 days	At calibration	10699625_EN Rev. E, 2014-06
TDM	Gentamicin [GENT_2]	10377507 [10377507]	400 [4 x 100]	S, P (EDTA, Hep Citrate, Ox/FI)	0.4–13.6 µg/mL [0.9–29.4 µmol/L]	Enzyme multiplied immunoassay technique (EMIT)	30 days with RCI [14 days w/o RCI]	Drug Cal 2 10376771	30 days with RCI (14 days w/o RCI)	Daily	10699631_EN Rev. B, 2014-06
TDM	Lithium [LITH]	00141230 [10312850]	200 [2 x 100]	S, P (EDTA, Li Hep)	0.1–3.0 mmol/L [0.1–3.0 mmol/L]	Colorimetric	60 days with RCI [30 days w/o RCI]	Chemistry Cal 10312287	7 days with RCI (3 days w/o RCI)	At calibration	10699650_EN Rev. F, 2014-06
TDM	Phenobarbital [PHNB_2]	10377505 [10377505]	400 [4 x 100]	S, P (EDTA, Hep Citrate, Ox/FI)	1.0–88.0 µg/mL [4.3–379.3 µmol/L]	Enzyme multiplied immunoassay technique (EMIT)	28 days	Drug Cal 1 10376770	28 days	Daily	10699661_EN Rev. B, 2014-06

Discipline [Disease State]	Assay Name [Test Mnemonic]	REF [SMN]	Tests [Kit Config.]	Specimen Types	Analytical Measuring Range [SI Units]	Assay Principle	On Board Stability	Calibrator	Calibration Interval	Reagent Blank (RBL) Frequency	IFU Reference
TDM	Phenytoin [PHNY_2]	10377506 [10377506]	400 [4 x 100]	S, P (EDTA, Hep Citrate, Ox/FI)	1.0–40.0 µg/mL [4.0–158.4 µmol/L]	Enzyme multiplied immunoassay technique (EMIT)	28 days	Drug Cal 1 10376770	28 days	Daily	10699662_EN Rev. B, 2014-06
TDM	Theophylline [THEO_2]	10377503 [10377503]	400 [4 x 100]	S, P (EDTA, Hep Citrate, Ox/FI)	1.5–40.0 µg/mL [8.3–222.0 µmol/L]	Enzyme multiplied immunoassay technique (EMIT)	28 days with RCI [7 days w/o RCI]	Drug Cal 1 10376770	28 day with RCI (7 days w/o RCI)	Daily	10699677_EN Rev. B, 2014-06
TDM	Tobramycin [TOB_2]	10376932 [10376932]	400 [4 x 100]	S, P (EDTA, Hep Citrate, Ox/FI)	0.4–13.5 µg/mL [0.9–28.9 µmol/L]	Enzyme multiplied immunoassay technique (EMIT)	30 days	Drug Cal 2 10376771	30 days	Daily	10699679_EN Rev. B, 2014-06
TDM	Vancomycin [VANC_2]	10377509 [10377509]	400 [4 x 100]	S, P (EDTA, Hep Citrate, Ox/FI)	1.0–52.6 µg/mL [0.7–35.2) µmol/L]	Enzyme multiplied immunoassay technique (EMIT)	30 days	Drug Cal 2 10376771	30 days	Daily	10699691_EN Rev. B, 2014-06
TDM	Valproic Acid [VPA_2]	10377508 [10377508]	400 [4 x 100]	S, P (EDTA, Hep Citrate, Ox/FI)	3.0–176.4 µg/mL [20.8–1222.5 µmol/L]	Enzyme multiplied immunoassay technique (EMIT)	30 days with RCI [14 days w/o RCI]	Drug Cal 2 10376771	30 days with RCI (14 days w/o RCI)	Daily	10699692_EN Rev. B, 2014-06
Toxicology	Acetaminophen [ACET]	07989138 [10327381]	600 [4 x 150]	S, P (Li Hep)	0.1–20.0 mg/dL [7–1322 µmol/L]	Enzymatic	28 days with RCI [10 days w/o RCI]	Tox/Ammonia Cal 10309217	14 days with RCI (5 days w/o RCI)	Daily	10699583_EN Rev. F, 2014-06
Toxicology	Ethanol [ETOH_2]	10379635 [10379635]	600 [4 x 150]	S, P (EDTA, Li Hep)	10.0–600.0 mg/dL [2.2–130.2 mmol/L]	Enzymatic	30 days	Tox/Ammonia Cal 10309217	14 days	Daily	10699628_EN Rev. B, 2014-06
Toxicology	Salicylate [SAL]	07989456 [10327382]	600 [4 x 150]	S, P (Li Hep)	3.0–100.0 mg/dL [3.0–100.0 mg/dL]	Enzymatic	60 days	Tox/Ammonia Cal 10309217	60 days	At calibration	10699666_EN Rev. E, 2014-06
Toxicology	Serum Barbiturates [sBRB]	05040084 [10335934]	400 [4 x 100]	S, P (Li Hep)	0.06–6.0 µg/mL [0.06–6.0 µg/mL]	Homogenous competitive enzyme immunoassay	30 days	Toxicology Cal 1 10283016 Toxicology Cal 2 10283017 Toxicology Cal 3 10283018 Toxicology Cal 4 10283019	7 days	At calibration	10699668_EN Rev. B, 2014-07
Toxicology	Serum Benzodiazepines [sBNZ]	05042192 [10335939]	400 [4 x 100]	S, P (Li Hep)	10–200 ng/mL [10–200 ng/mL]	Homogenous competitive enzyme immunoassay	30 days	Toxicology Cal 1 10283016 Toxicology Cal 2 10283017 Toxicology Cal 3 10283018 Toxicology Cal 4 10283019	7 days	At calibration	10699667_EN Rev. B, 2014-07
Toxicology	Tricyclic Anti-depressants [TCA]	06520218 [10283014]	400 [4 x 100]	S, P U	80–1000 ng/mL [80–1000 ng/mL]	Homogenous competitive enzyme immunoassay	30 days	Toxicology Cal 1 10283016 Toxicology Cal 2 10283017 Toxicology Cal 3 10283018 Toxicology Cal 4 10283019	7 days	At calibration	10699675_EN Rev. B, 2014-07

P: Plasma  
 RCI: Reagent Container Insert  
 S: Serum  
 U: Urine

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