



For updated target value sheets, please refer to the website mentioned below.
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<http://www.diasys-diagnostics.com/service-area/value-sheets/>

Urine control **Cat. No. 5 9170 99 10 061 6 x 5 mL**
 Urin-Kontrolle **5 9170 99 10 062 20 x 5 mL**
 Contrôle de urines
 Controllo le urine

Constituent	System	Method	Unit	Assay value	Max. limits	Unit	Assay value	Max. limits
Bestandteil	System	Methode	Einheit	Sollwert	Max. Bereich	Einheit	Sollwert	Max. Bereich
Constituant	Système	Méthode	Unité	Valeur cible	Limites max.	Unité	Valeur cible	Limites max.
Constituyente	Systema	Método	Unidad	Valor medio	Limites máx.	Unidad	Valor medio	Limites máx.
CORT	Abbott Alinity	CMIA	8P33	µg/dL	1.00	nmol/L	27.6	22.1 - 33.1
	Abbott Architect	CMIA	8D15	µg/dL	< 1.00	nmol/L	< 27.6	-
	Cortisol	Beckman-Coulter Access		µg/dL	*	nmol/L		-
	Cortison	Beckman-Coulter Dxl	Chemiluminescence	µg/dL	2.30	nmol/L	63.5	50.8 - 76.1
	Siemens Centaur	Chemiluminescence	µg/dL	2.35	nmol/L	64.8	51.9 - 77.8	
CREA	DiaSys	Jaffe without compensation	1 1711	mg/dL	67.1	mmol/L	5.94	4.51 - 7.37
		Enzymatic PAP	1 1759	mg/dL	70.5	mmol/L	6.23	4.73 - 7.73
	Creatinine	Abbott Alinity	Alkaline picrate	7P99	mg/dL	70.0	6.19	4.70 - 7.68
	Kreatinin	Abbott Architect	Kinetic alkaline picrate	3L81	mg/dL	67.6	5.98	4.54 - 7.42
	Kreatinin		Enzymatic (8L24)	8L24	mg/dL	69.7	6.16	4.68 - 7.64
	Créatinine	Beckman-Coulter Synchron DXC	Jaffe		mg/dL	70.1	6.20	4.71 - 7.69
	Creatinina	Beckman-Coulter AU Series	Enzymatic	OSR6 1204	mg/dL	69.8	6.17	4.69 - 7.65
			mod. Jaffe	OSR6x78	mg/dL	69.8	6.17	4.69 - 7.65
		J.&J. Ortho-Clinical Vitros	Colorimetric / Enzymatic		mg/dL	69.8	6.17	4.69 - 7.65
		Roche Cobas C Systems	Enzymatic		mg/dL	72.2	6.38	4.85 - 7.91
			Jaffe		mg/dL	71.4	6.31	4.80 - 7.82
		Siemens Advia	Jaffe, (CRE_2c)		mg/dL	66.4	5.87	4.46 - 7.28
		Siemens Dimension	Enzymatic (EZCR)		mg/dL	*		-
			Modified Jaffe (CRE2)		mg/dL	66.9	5.91	4.49 - 7.33
	Siemens Dimension Vista	Enzymatic (ECREA)		mg/dL	69.3	6.13	4.66 - 7.60	
D	Specific gravity	Refractometer		-	1.01	-	1.01	1.00 - 1.02
	Spezifisches Gewicht	Refraktometer						
	Poids spécifique	Réfractomètre						
	Peso específico	Refractometro						
GLUC	DiaSys	HK/G6P-DH	1 2511	mg/dL	24.3	mmol/L	1.35	1.05 - 1.65
		GOD-PAP	12500	mg/dL	23.3	mmol/L	1.29	1.01 - 1.57
	Glucose	Abbott Architect	Hexokinase	3L82	mg/dL	24.2	1.34	1.05 - 1.63
	Glucosa	Beckman-Coulter Synchron DXC	Glucose Oxidase		mg/dL	26.4	1.47	1.14 - 1.79
		Beckman-Coulter AU Series	Hexokinase		mg/dL	24.6	1.37	1.07 - 1.67
		Roche Cobas C Systems	Hexokinase		mg/dL	25.6	1.42	1.11 - 1.73
		Siemens Advia	Hexokinase		mg/dL	23.3	1.29	1.01 - 1.58
		Siemens Dimension	Hexokinase		mg/dL	23.6	1.31	1.02 - 1.60
		Siemens Dimension Vista	Hexokinase		mg/dL	22.7	1.26	0.983 - 1.54
HCG	Fisher Sure-Vue						Negative	
	Genzyme Osom						Negative	
	ICON 20						Negative	
	ICON 25						*	
K	DiaSys	respons920 ISE direct		mmol/L	29.5	mg/dL	115	95.8 - 135
		BM 6010/C ISE indirect		mmol/L	31.5	mg/dL	123	102 - 144
	Potassium	Abbott Alinity	ISE indirect	7P53	mmol/L	31.5	123	102 - 144
	Kalium	Abbott Architect	ISE indirect	2P32	mmol/L	31.3	122	102 - 143
	Potasio	Beckman-Coulter Synchron DXC	ISE indirect		mmol/L	30.6	120	99.3 - 140
	Potássio	Beckman-Coulter AU Series	ISE indirect		mmol/L	31.7	124	103 - 145
		J.&J. Ortho-Clinical Vitros	ISE direct		mmol/L	32.0	125	104 - 146
		Roche Cobas C Systems	ISE indirect		mmol/L	31.3	122	102 - 143
		Siemens Advia	ISE indirect		mmol/L	31.5	123	102 - 144
		Siemens Dimension	QuiKLYTE Dimension RxL/RxL Max		mmol/L	30.7	120	99.6 - 140
			QuiKLYTE Dimension Xpand/EXL		mmol/L	31.3	122	102 - 143
		Siemens Dimension Vista	IMT indirect		mmol/L	30.5	119	99.0 - 140



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Constituent	System	Method	Unit	Assay value	Max. limits	Unit	Assay value	Max. limits		
Bestandteil	System	Methode	Einheit	Sollwert	Max. Bereich	Einheit	Sollwert	Max. Bereich		
Constituant	Système	Méthode	Unité	Valeur cible	Limites max.	Unité	Valeur cible	Limites max.		
Constituyente	Systema	Método	Unidad	Valor medio	Limites máx.	Unidad	Valor medio	Limites máx.		
Mg Magnesium Magnésium Magnesio	DiaSys	Xylidyl blue method	1 4610	mmol/L	2.36	1.74 - 2.97	mg/dL	5.73	4.24 - 7.22	
	Abbott Alinity	Enzymatic	8P19	mmol/L	2.48	1.84 - 3.12	mg/dL	6.03	4.46 - 7.60	
	Abbott Architect	Arsenazo III	7D70	mmol/L	1.71	1.27 - 2.15	mg/dL	4.16	3.08 - 5.24	
		Enzymatic	3P68	mmol/L	2.51	1.86 - 3.16	mg/dL	6.10	4.51 - 7.69	
		Beckman-Coulter Synchron DXC	Calmagite		mmol/L	*	-	mg/dL	-	
		Beckman-Coulter AU Series	Xylidyl blue		mmol/L	2.41	1.78 - 3.04	mg/dL	5.86	4.34 - 7.38
		J.&J. Ortho-Clinical Vitros	Formazan dye		mmol/L	2.69	1.99 - 3.39	mg/dL	6.54	4.84 - 8.24
		Roche Cobas C Systems	MG Gen. 2, colorimetric Endpoint		mmol/L	2.55	1.89 - 3.21	mg/dL	6.20	4.59 - 7.81
		Siemens Advia	Xylidyl blue	MG	mmol/L	2.35	1.74 - 2.96	mg/dL	5.71	4.23 - 7.19
		Siemens Dimension	Methylthymol Blue		mmol/L	2.43	1.80 - 3.06	mg/dL	5.91	4.37 - 7.45
	Siemens Dimension Vista	Methylthymol Blue		mmol/L	2.52	1.86 - 3.18	mg/dL	6.13	4.54 - 7.72	
Na Sodium Natrium Sodio Sódio	DiaSys	respos920 ISE direct		mmol/L	86.0	74.8 - 97.2	mg/dL	198	172 - 224	
		BM 6010/C ISE indirect		mmol/L	86.1	74.9 - 97.2	mg/dL	198	172 - 224	
	Abbott Alinity	ISE indirect	7P53	mmol/L	84.8	73.8 - 95.8	mg/dL	195	170 - 220	
	Abbott Architect	ISE indirect	2P32	mmol/L	86.6	75.3 - 97.9	mg/dL	199	173 - 225	
	Beckman-Coulter Synchron DXC	ISE indirect		mmol/L	85.3	74.2 - 96.4	mg/dL	196	171 - 222	
	Beckman-Coulter AU Series	ISE indirect		mmol/L	86.2	75.0 - 97.4	mg/dL	198	172 - 224	
	J.&J. Ortho-Clinical Vitros	ISE direct		mmol/L	98.9	86.0 - 112	mg/dL	227	198 - 257	
	Roche Cobas C Systems	ISE indirect		mmol/L	88.8	77.3 - 100.3	mg/dL	204	178 - 231	
	Siemens Advia	ISE indirect		mmol/L	86.7	75.4 - 98.0	mg/dL	199	173 - 225	
	Siemens Dimension	QuiKLYTE Dimension RxL/RxL Max		mmol/L	84.5	73.5 - 95.5	mg/dL	194	169 - 220	
	QuiKLYTE Dimension Xpand/EXL		mmol/L	85.8	74.6 - 97.0	mg/dL	197	172 - 223		
	Siemens Dimension Vista	IMT indirect		mmol/L	77.9	67.8 - 88.0	mg/dL	179	156 - 202	
OSMO	Osmolality / Freezing Point			mOsm/kg	408	326 - 490	-	408	323 - 485	
	Osmolalität / Gefrierpunkt									
	Osmolarité / point de congélation									
	Osmolarito / punto álgido									
pH				-	6.21	5.46 - 6.96	-	6.21	5.46 - 6.96	
PHOS Inorganic phosphate Phosphor anorganisch Phosphore inorganique Fósforo inorgánico	DiaSys	Molybdate UV	1 5211	mg/dL	26.9	21.0 - 32.8	mmol/L	8.68	6.77 - 10.6	
	Abbott Alinity	Phosphomolybdate	8P40	mg/dL	27.7	21.6 - 33.8	mmol/L	8.94	6.98 - 10.9	
	Abbott Architect	Phosphomolybdate	7D71	mg/dL	25.9	20.2 - 31.6	mmol/L	8.36	6.52 - 10.2	
	Beckman-Coulter Synchron DXC	Phosphomolybdate		mg/dL	27.0	21.1 - 32.9	mmol/L	8.72	6.80 - 10.6	
	Beckman-Coulter AU Series	Phosphomolybdate		mg/dL	26.1	20.4 - 31.8	mmol/L	8.43	6.57 - 10.3	
	J.&J. Ortho-Clinical Vitros	Phosphomolybdate		mg/dL	29.9	23.3 - 36.5	mmol/L	9.65	7.53 - 11.8	
	Roche Cobas C Systems	Phosphomolybdate		mg/dL	27.1	21.1 - 33.1	mmol/L	8.75	6.83 - 10.7	
	Siemens Advia	Phosphomolybdate		mg/dL	27.5	21.5 - 33.6	mmol/L	8.88	6.93 - 10.8	
	Siemens Dimension	Phosphomolybdate		mg/dL	27.9	21.8 - 34.0	mmol/L	9.01	7.03 - 11.0	
	Siemens Dimension Vista	Phosphomolybdate		mg/dL	26.5	20.7 - 32.3	mmol/L	8.56	6.67 - 10.4	
TP Total protein Total Protein Protéines totales Proteínas totales	DiaSys	Pyrogallol red method	1 0210	mg/dL	8.34	6.34 - 10.3	mg/L	83.4	63.4 - 103	
	Abbott Alinity	Benzethonium chloride	7P59	mg/dL	6.95	5.28 - 8.62	mg/L	69.5	52.8 - 86.2	
	Abbott Architect	Benzethonium chloride	7D79	mg/dL	7.40	5.62 - 9.18	mg/L	74.0	56.2 - 91.8	
	Beckman-Coulter Synchron DXC	Timed Endpoint		mg/dL	11.7	8.89 - 14.5	mg/L	117	88.9 - 145	
	Beckman-Coulter AU Series	Pyrogallol red		mg/dL	8.86	6.73 - 11.0	mg/L	88.6	67.3 - 110	
	J.&J. Ortho-Clinical Vitros	Biuret		mg/dL	20.7	15.7 - 25.7	mg/L	207	157 - 257	
	Roche Cobas C Systems	Turbidimetric		mg/dL	6.76	5.14 - 8.38	mg/L	67.6	51.4 - 83.8	
	Siemens Advia	Dye Binding		mg/dL	7.75	5.89 - 9.61	mg/L	77.5	58.9 - 96.1	
	Siemens Dimension	Pyrogallol red		mg/dL	14.9	11.3 - 18.5	mg/L	149	113 - 185	
	Siemens Dimension Vista	Pyrogallol red		mg/dL	14.4	10.9 - 17.9	mg/L	144	109 - 179	
UREA Harnstoff Urée Urea	DiaSys	Urease UV	1 3101	mg/dL	853	631 - 1075	mmol/L	142	105 - 179	
	Abbott Architect	Urease/GLDH	7D75	mg/dL	824	610 - 1038	mmol/L	137	102 - 173	
	Beckman-Coulter Synchron CX/LX	Urease/Conductivity		mg/dL	*	-	mmol/L	-	-	
	Beckman-Coulter AU Series	Urease/GLDH		mg/dL	827	612 - 1042	mmol/L	138	102 - 173	
	J.&J. Ortho-Clinical Vitros	Urease		mg/dL	*	-	mmol/L	-	-	
	Roche Cobas C Systems	Urease/GLDH		mg/dL	827	612 - 1042	mmol/L	138	102 - 173	
	Siemens Advia	Urease/GLDH		mg/dL	*	-	mmol/L	-	-	
	Siemens Dimension	Urease/GLDH		mg/dL	910	673 - 1147	mmol/L	152	112 - 191	
Siemens Dimension Vista	Urease/GLDH		mg/dL	*	-	mmol/L	-	-		

