

Clinical Chemistry Control– Level 3

Assignment of values (**REF** BYZKD0303 **LOT** 03H1102)

Instrument	Analyte	Unit	Clinical Chemistry Control-Level3		
			Target	SD	Range
Toshiba TBA-120FR/TBA-FX8	ADA	U/L	52.80	4.99	37.84-67.76
	ALB	g/L	42.56	4.09	30.30-54.82
	ALP	U/L	273.00	24.60	199.21-346.79
	ALT	U/L	174.01	16.65	124.07-223.95
	α-AMY	U/L	285.22	27.25	203.48-366.96
	AST	U/L	257.36	23.48	186.92-327.80
	Ca	mmol/L	3.20	0.31	2.26-4.14
	CHE	U/L	7563	695	5476-9649
	CK	U/L	480.58	46.45	341.23-619.93
	CL	mmol/L	113.67	10.39	82.49-144.85
	Cre	μmol/L	489.04	46.12	350.69-627.39
	Cu	μmol/L	24.10	2.41	16.88-31.32
	DBIL	μmol/L	46.74	4.60	32.95-60.53
	Fe	μmol/L	30.53	2.99	21.56-39.50
	GLU	mmol/L	14.77	1.42	10.51-19.03
	GGT	U/L	155.87	14.24	113.14-198.60
	Li	mmol/L	3.22	0.30	2.32-4.12
	HBDH	U/L	397.81	36.10	289.51-506.11
	HDL-C	mmol/L	1.66	0.15	1.21-2.11
	K	mmol/L	5.52	0.51	3.98-7.06
	LAC	mmol/L	5.39	0.51	3.87-6.91
	LDH	U/L	381.30	36.65	271.35-491.25
	LDL-C	mmol/L	2.40	0.23	1.70-3.10
	LPS	U/L	77.24	7.07	56.04-98.44
	Mg	mmol/L	1.70	0.15	1.24-2.16
	Na	mmol/L	157.94	15.21	112.31-203.57
	P	mmol/L	2.23	0.21	1.60-2.86
	P-AMY	U/L	230.58	21.62	165.73-295.43
	TBA	μmol/L	41.84	3.95	30.00-53.68
	TBIL	μmol/L	93.65	9.23	65.95-121.35
	TC	mmol/L	5.11	0.47	3.70-6.52

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			Target	SD	Range
Toshiba TBA-120FR/TBA-FX8	TG	mmol/L	2.38	0.23	1.69-3.07
	TIBC	μmol/L	56.70	5.34	40.67-72.73
	TP	g/L	66.60	6.09	48.34-84.86
	UA	μmol/L	540.32	51.18	386.78-693.86
	Urea	mmol/L	24.00	2.38	16.87-31.13
	Zn	μmol/L	39.50	3.83	28.01-50.99
	5'-NT	U/L	41.19	3.98	29.24-53.14
Beckman Coulter AU680	ADA	U/L	41.18	3.91	29.46-52.90
	ALB	g/L	41.41	3.96	29.54-53.28
	ALP	U/L	304.04	28.04	219.93-388.15
	ALT	U/L	154.98	15.22	109.31-200.65
	α -AMY	U/L	269.41	24.66	195.44-343.39
	AST	U/L	255.02	24.20	182.42-327.61
	Ca	mmol/L	3.14	0.28	2.28-3.99
	CHE	U/L	7266	641	5343-9188
	CK	U/L	490.08	42.92	361.31-618.85
	CL	mmol/L	115.20	10.86	82.61-147.79
	Cre	μ mol/L	460.86	38.28	346.02-575.70
	Cu	μ mol/L	25.93	2.35	18.88-32.97
	DBIL	μ mol/L	49.08	4.65	35.13-63.0
	Fe	μ mol/L	35.35	3.11	26.01-44.69
	GLU	mmol/L	13.84	1.29	9.98-17.70
	GGT	U/L	148.57	13.30	108.65-188.48
	HBDH	U/L	365.52	33.59	264.74-466.30
	HDL-C	mmol/L	1.57	0.14	1.14-2.00
	K	mmol/L	6.34	0.62	4.49-8.19
	LAC	mmol/L	4.66	0.47	3.26-6.07
	LDH	U/L	359.31	31.08	266.08-452.53
	LDL-C	mmol/L	2.78	0.25	2.03-3.53
	LPS	U/L	66.35	6.20	47.75-84.94
	Mg	mmol/L	1.39	0.12	1.02-1.77
	Na	mmol/L	153.66	14.92	108.88-198.43
	P-AMY	U/L	204.83	19.94	145.01-264.65
	P	mmol/L	2.27	0.21	1.64-2.89
	TBA	μ mol/L	43.50	4.04	31.37-55.63
	TBIL	μmol/L	93.45	8.76	67.17-119.73
	TC	mmol/L	4.92	0.44	3.60-6.23
	TG	mmol/L	2.52	0.24	1.80-3.25

Instrument	Analyte	Unit	Clinical Chemistry Control-Level3		
			Target	SD	Range
Beckman Coulter AU680	TIBC	μmol/L	63.68	5.68	45.90-81.45
	TP	g/L	68.06	6.36	48.98-87.14
	Urea	mmol/L	23.28	2.18	16.74-29.83
	UA	μmol/L	572.28	51.63	417.38-727.17
	Zn	μmol/L	46.79	4.15	34.33-59.25
	5'-NT	U/L	48.53	4.44	35.21-61.84

Remark: The range printed in the assigned value table should only be considered as a reference and it is recommended that each laboratory establish its own mean and acceptable ranges.