

Clinical Chemistry Control– Level 3

Assignment of values (**REF** BYZKD0303 **LOT** 04B1101)

Instrument	Analyte	Unit	Clinical Chemistry Control Level3		
			Target	SD	Range
Toshiba TBA-120FR/TBA-FX8	ADA	U/L	55.59	4.71	41.47-69.71
	ALB	g/L	44.54	3.73	33.34-55.74
	ALP	U/L	281.72	24.36	208.65-354.79
	ALT	U/L	180.81	15.23	135.12-226.49
	α-AMY	U/L	293.31	25.41	217.07-369.55
	AST	U/L	265.08	22.97	196.16-334.00
	Ca	mmol/L	3.27	0.27	2.46-4.09
	CHE	U/L	8507	718	6352-10663
	CK	U/L	478.69	39.89	359.03-598.36
	CL	mmol/L	118.47	9.72	89.30-147.64
	Cre	μmol/L	514.11	42.85	385.58-642.65
	Cu	μmol/L	24.7	2.14	18.28-31.11
	DBIL	μmol/L	45.42	3.96	33.53-57.30
	Fe	μmol/L	33.25	2.82	24.79-41.71
	GLU	mmol/L	15.02	1.30	11.13-18.92
	GGT	U/L	161.02	13.75	119.77-202.26
	Li	mmol/L	2.82	0.24	2.10-3.53
	HBDH	U/L	432.33	36.20	323.73-540.93
	HDL-C	mmol/L	1.46	0.12	1.08-1.83
	K	mmol/L	5.93	0.49	4.47-7.38
	LAC	mmol/L	5.46	0.46	4.07-6.85
	LDH	U/L	401.59	33.64	300.68-502.50
	LDL-C	mmol/L	2.94	0.25	2.19-3.69
	LPS	U/L	79.13	7.04	58.01-100.25
	Mg	mmol/L	1.8	0.15	1.34-2.26
	Na	mmol/L	162.89	14.17	120.36-205.41
	P-AMY	U/L	239.82	20.32	178.85-300.78
	P	mmol/L	2.26	0.19	1.68-2.83
	TBA	μmol/L	41.9	3.56	31.23-52.56
	TBIL	μmol/L	90.88	8.22	66.21-115.55
	TC	mmol/L	5.31	0.44	3.99-6.62

Instrument	Analyte	Unit	Clinical Chemistry Control Level3		
			Target	SD	Range
Toshiba TBA-120FR/TBA-FX8	TG	mmol/L	2.46	0.20	1.85-3.07
	TIBC	μmol/L	56.97	4.75	42.73-71.21
	TP	g/L	70.28	5.95	52.44-88.11
	Urea	mmol/L	24.45	2.17	17.95-30.95
	UA	μmol/L	554.02	45.50	417.52-690.53
	Zn	μmol/L	42.21	3.74	30.97-53.44
	5'-NT	U/L	46.41	4.08	34.17-58.66
Beckman Coulter AU680	ADA	U/L	41.89	4.00	29.91-53.88
	ALB	g/L	41.96	3.84	30.44-53.48
	ALP	U/L	284.49	27.62	201.63-367.34
	ALT	U/L	165.34	15.98	117.40-213.28
	α-AMY	U/L	289.16	26.32	210.19-368.13
	AST	U/L	274.82	24.76	200.54-349.10
	Ca	mmol/L	3.21	0.30	2.31-4.11
	CHE	U/L	8175	737	5963-10387
	CK	U/L	479.12	43.12	349.75-608.50
	CL	mmol/L	114.02	9.14	86.59-141.44
	Cre	μmol/L	496.77	46.66	356.80-636.75
	Cu	μmol/L	26.29	2.74	18.08-34.51
	DBIL	μmol/L	50.09	4.72	35.94-64.23
	Fe	μmol/L	33.5	3.29	23.63-43.37
	GLU	mmol/L	14.33	1.35	10.28-18.39
	GGT	U/L	157.16	14.46	113.78-200.54
	HBDH	U/L	411.02	38.85	294.48-527.57
	HDL-C	mmol/L	1.55	0.15	1.10-2.01
	K	mmol/L	6.4	0.57	4.70-8.11
	LAC	mmol/L	4.9	0.49	3.44-6.35
	LDH	U/L	384.44	34.75	280.19-488.69
	LDL-C	mmol/L	3.11	0.29	2.24-3.98
	LPS	U/L	55.01	5.13	39.62-70.40
	Mg	mmol/L	1.57	0.15	1.12-2.03
	Na	mmol/L	150.86	14.09	108.60-193.12
	P-AMY	U/L	229.27	22.21	162.63-295.90
	P	mmol/L	2.18	0.21	1.54-2.82
	TBA	μmol/L	45.17	4.10	32.87-57.47
	TBIL	μmol/L	97.12	9.58	68.37-125.87
	TC	mmol/L	5.37	0.50	3.88-6.87
	TG	mmol/L	2.62	0.25	1.85-3.38

Instrument	Analyte	Unit	Clinical Chemistry Control Level3		
			Target	SD	Range
Beckman Coulter AU680	TIBC	μmol/L	63.4	6.33	44.42-82.37
	TP	g/L	68.94	6.28	50.10-87.79
	Urea	mmol/L	23.74	2.18	17.21-30.27
	UA	μmol/L	578.4	55.70	411.32-745.49
	Zn	μmol/L	48.3	4.40	35.11-61.49
	5'-NT	U/L	48.4	4.49	34.92-61.88

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.