

Clinical Chemistry Control– Level 2

Assignment of values (REF BYZKD0203 LOT 03H1102)

Instrument	Analyte	Unit	Clinical Chemistry Control-Level2		
			Target	SD	Range
Toshiba TBA-120FR/TBA-FX8	ADA	U/L	36.39	3.57	25.69-47.09
	ALB	g/L	34.66	3.22	25.01-44.31
	ALP	U/L	147.14	13.75	105.90-188.38
	ALT	U/L	98.22	9.50	69.72-126.72
	α-AMY	U/L	96.20	8.73	70.02-122.38
	AST	U/L	114.01	11.43	79.73-148.29
	Ca	mmol/L	2.51	0.25	1.76-3.26
	CHE	U/L	6188	589	4420-7955
	CK	U/L	194.93	18.81	138.49-251.37
	CL	mmol/L	96.71	9.05	69.57-123.85
	Cre	μmol/L	155.76	14.89	111.09-200.43
	Cu	μmol/L	17.17	1.67	12.15-22.19
	DBIL	μmol/L	23.26	2.19	16.70-29.82
	Fe	μmol/L	22.93	2.37	15.83-30.03
	GLU	mmol/L	5.56	0.55	3.91-7.21
	GGT	U/L	101.27	9.41	73.04-129.50
	Li	mmol/L	2.30	0.23	1.62-2.98
	HBDH	U/L	186.15	17.56	133.46-238.84
	HDL-C	mmol/L	1.27	0.12	0.90-1.64
	K	mmol/L	3.92	0.38	2.77-5.07
	LAC	mmol/L	3.51	0.34	2.49-4.53
	LDH	U/L	202.56	19.80	143.17-261.95
	LDL-C	mmol/L	1.88	0.19	1.32-2.44
	LPS	U/L	42.55	4.15	30.09-55.01
	Mg	mmol/L	1.04	0.10	0.75-1.33
	Na	mmol/L	147.30	14.61	103.46-191.14
	P	mmol/L	1.31	0.13	0.93-1.69
	P-AMY	U/L	72.33	6.83	51.84-92.82
	TBA	μmol/L	22.08	2.15	15.63-28.53
	TBIL	μmol/L	46.53	4.39	33.35-59.71
	TC	mmol/L	3.89	0.36	2.81-4.97

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			Target	SD	Range
Toshiba TBA-120FR/TBA-FX8	TG	mmol/L	1.49	0.14	1.07-1.91
	TIBC	μmol/L	46.32	4.68	32.27-60.37
	TP	g/L	53.21	5.07	38.00-68.42
	UA	μmol/L	358.61	32.35	261.56-455.66
	Urea	mmol/L	15.33	1.47	10.93-19.73
	Zn	μmol/L	31.05	2.94	22.23-39.87
	5'-NT	U/L	27.9	2.65	19.95-35.85
Beckman Coulter AU680	ADA	U/L	29.59	2.95	20.73-38.44
	ALB	g/L	34.38	3.00	25.39-43.37
	ALP	U/L	163.28	15.66	116.29-210.26
	ALT	U/L	89.50	8.36	64.40-114.59
	α-AMY	U/L	94.92	8.78	68.58-121.26
	AST	U/L	110.07	10.48	78.64-141.50
	Ca	mmol/L	2.49	0.22	1.83-3.14
	CHE	U/L	5936	526	4358-7514
	CK	U/L	198.34	19.17	140.84-255.84
	CL	mmol/L	103.17	9.42	74.91-131.43
	Cre	μmol/L	139.00	13.14	99.59-178.41
	Cu	μmol/L	18.60	1.83	13.11-24.08
	DBIL	μmol/L	27.31	2.68	19.26-35.36
	Fe	μmol/L	26.38	2.60	18.59-34.17
	GLU	mmol/L	5.06	0.46	3.67-6.45
	GGT	U/L	97.35	9.47	68.93-125.77
	HBDH	U/L	172.21	15.65	125.25-219.17
	HDL-C	mmol/L	1.26	0.12	0.90-1.63
	K	mmol/L	4.10	0.37	2.98-5.22
	LAC	mmol/L	3.02	0.31	2.08-3.95
	LDH	U/L	184.78	18.16	130.31-239.25
	LDL-C	mmol/L	1.96	0.19	1.39-2.53
	LPS	U/L	38.66	3.52	28.10-49.21
	Mg	mmol/L	0.92	0.08	0.67-1.17
	Na	mmol/L	142.89	13.28	103.05-182.74
	P-AMY	U/L	68.60	6.52	49.03-88.18
	P	mmol/L	1.34	0.12	0.97-1.71
	TBA	μmol/L	23.73	2.24	17.00-30.46
	TBIL	μmol/L	47.22	4.46	33.84-60.60
	TC	mmol/L	3.73	0.33	2.73-4.73
	TG	mmol/L	1.63	0.16	1.16-2.11

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			Target	SD	Range
Beckman Coulter AU680	TIBC	μmol/L	53.75	5.10	38.44-69.07
	TP	g/L	55.62	5.08	40.38-70.86
	Urea	mmol/L	14.65	1.33	10.65-18.65
	UA	μmol/L	377.58	33.00	278.57-476.59
	Zn	μmol/L	36.46	3.45	26.11-46.82
	5'-NT	U/L	31.49	3.11	22.17-40.81

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.