

Clinical Chemistry Control– Level 1

Assignment of values (REF BYZKD0103 LOT 29F1002)

Instrument	Analyte	Unit	Clinical Chemistry Control-Level1		
			Target	SD	Range
Toshiba TBA-120FR/TBA-FX8	ADA	U/L	15.70	1.58	10.95-20.45
	ALB	g/L	25.61	2.13	19.22-32.01
	ALP	U/L	75.81	6.63	55.90-95.71
	ALT	U/L	32.01	2.90	23.30-40.72
	α-AMY	U/L	39.92	3.23	30.21-49.62
	AST	U/L	35.93	3.10	26.64-45.21
	Ca	mmol/L	1.84	0.16	1.35-2.32
	CHE	U/L	5085	411	3851-6319
	CK	U/L	106.89	9.28	79.05-134.72
	CL	mmol/L	82.07	7.13	60.69-103.45
	Cre	μmol/L	83.64	6.97	62.73-104.56
	Cu	μmol/L	10.33	0.83	7.83-12.83
	DBIL	μmol/L	13.78	1.47	9.39-18.18
	Fe	μmol/L	13.83	1.12	10.47-17.20
	GLU	mmol/L	3.74	0.32	2.79-4.70
	GGT	U/L	40.69	3.28	30.84-50.54
	Li	mmol/L	1.26	0.09	1.00-1.51
	HBDH	U/L	113.08	10.04	84.41-141.74
	HDL-C	mmol/L	0.84	0.08	0.60-1.08
	K	mmol/L	3.30	0.31	2.37-4.23
	LAC	mmol/L	1.58	0.13	1.19-1.96
	LDH	U/L	120.87	11.93	85.07-156.67
	LDL-C	mmol/L	1.50	0.12	1.13-1.86
	LPS	U/L	26.02	2.17	19.50-32.55
	Mg	mmol/L	0.86	0.07	0.64-1.07
	Na	mmol/L	131.11	12.30	94.21-168.00
	P-AMY	U/L	23.79	2.17	16.80-30.78
	P	mmol/L	0.88	0.08	0.65-1.12
TBA	μmol/L	10.43	0.99	7.46-13.40	
TBIL	μmol/L	22.18	2.16	15.71-28.65	
TC	mmol/L	2.75	0.24	2.02-3.47	

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			Target	SD	Range
Toshiba TBA-120FR/TBA-FX8	TG	mmol/L	1.03	0.09	0.75-1.31
	TIBC	μmol/L	33.99	2.75	25.73-42.25
	TP	g/L	39.15	3.14	29.71-48.58
	Urea	mmol/L	5.63	0.49	4.17-7.08
	UA	μmol/L	199.95	18.78	143.60-256.30
	Zn	μmol/L	20.77	1.73	15.58-25.95
	5'-NT	U/L	13.06	1.30	9.15-16.97
Beckman Coulter AU680	ADA	U/L	14.18	1.44	9.86-18.49
	ALB	g/L	25.50	2.30	18.59-32.41
	ALP	U/L	91.59	8.00	67.60-115.58
	ALT	U/L	29.43	2.38	22.29-36.58
	α-AMY	U/L	46.54	4.01	34.51-58.58
	AST	U/L	36.86	3.16	27.37-46.35
	Ca	mmol/L	1.62	0.14	1.21-2.03
	CHE	U/L	4982	418	3729-6234
	CK	U/L	107.72	10.80	75.32-140.12
	CL	mmol/L	88.97	9.15	61.53-116.41
	Cre	μmol/L	73.72	6.83	53.22-94.21
	Cu	μmol/L	11.29	1.59	6.54-16.05
	DBIL	μmol/L	12.84	1.25	9.08-16.60
	Fe	μmol/L	14.99	1.48	10.55-19.43
	GLU	mmol/L	3.27	0.27	2.45-4.08
	GGT	U/L	40.63	3.59	29.86-51.39
	HBDH	U/L	103.87	9.55	73.74-134.00
	HDL-C	mmol/L	0.62	0.07	0.41-0.82
	K	mmol/L	3.15	0.41	1.93-4.37
	LAC	mmol/L	1.66	0.21	1.04-2.28
	LDH	U/L	117.36	9.00	90.37-144.35
	LDL-C	mmol/L	1.37	0.13	0.98-1.76
	LPS	U/L	27.70	2.39	20.54-34.87
	Mg	mmol/L	0.89	0.08	0.65-1.12
	Na	mmol/L	126.41	10.16	95.93-156.88
	P-AMY	U/L	24.57	2.33	18.06-31.08
	P	mmol/L	0.80	0.08	0.57-1.04
	TBA	μmol/L	9.76	0.89	7.09-12.42
	TBIL	μmol/L	21.31	2.44	13.98-28.63
	TC	mmol/L	2.70	0.26	1.93-3.47
TG	mmol/L	1.13	0.11	0.79-1.48	

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			Target	SD	Range
Beckman Coulter AU680	TIBC	μmol/L	43.47	5.25	27.71-59.23
	TP	g/L	38.08	3.43	27.79-48.36
	Urea	mmol/L	5.26	0.48	3.83-6.68
	UA	μmol/L	210.74	15.73	163.56-257.92
	Zn	μmol/L	22.39	1.88	16.75-28.02
	5'-NT	U/L	15.27	1.40	11.07-19.46

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.