

Clinical Chemistry Control– Level 1

Assignment of values (**REF** BYZKD0103 **LOT** 03H1102)

Instrument	Analyte	Unit	Clinical Chemistry Control-Level1		
			Target	SD	Range
Toshiba TBA-120FR/TBA-FX8	ADA	U/L	17.80	1.81	12.38-23.22
	ALB	g/L	25.08	2.31	18.14-32.02
	ALP	U/L	75.33	6.82	54.86-95.80
	ALT	U/L	29.25	2.81	20.82-37.68
	α-AMY	U/L	38.72	3.51	28.18-49.26
	AST	U/L	37.33	3.45	26.98-47.68
	Ca	mmol/L	1.85	0.17	1.34-2.36
	CHE	U/L	4477	403	3269-5684
	CK	U/L	100.84	9.46	72.46-129.22
	CL	mmol/L	78.18	6.67	58.16-98.20
	Cre	μmol/L	83.95	7.87	60.35-107.55
	Cu	μmol/L	9.93	0.98	7.00-12.86
	DBIL	μmol/L	10.38	1.03	7.30-13.46
	Fe	μmol/L	13.69	1.24	9.97-17.41
	GLU	mmol/L	3.75	0.37	2.65-4.85
	GGT	U/L	37.23	3.22	27.57-46.89
	Li	mmol/L	1.34	0.13	0.96-1.72
	HBDH	U/L	105.48	9.94	75.67-135.29
	HDL-C	mmol/L	0.91	0.08	0.66-1.16
	K	mmol/L	3.14	0.27	2.33-3.95
	LAC	mmol/L	1.59	0.14	1.16-2.02
	LDH	U/L	122.81	12.16	86.33-159.29
	LDL-C	mmol/L	1.37	0.14	0.95-1.79
	LPS	U/L	26.68	2.45	19.33-34.03
	Mg	mmol/L	0.82	0.08	0.58-1.06
	Na	mmol/L	137.52	11.04	104.40-170.64
	P	mmol/L	0.84	0.08	0.60-1.08
	P-AMY	U/L	24.91	2.52	17.34-32.48
	TBA	μmol/L	11.71	1.12	8.34-15.08
	TBIL	μmol/L	20.62	1.92	14.85-26.39
	TC	mmol/L	2.86	0.27	2.05-3.67

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			Target	SD	Range
Toshiba TBA-120FR/TBA-FX8	TG	mmol/L	1.01	0.09	0.73-1.29
	TIBC	μmol/L	33.67	3.15	24.21-43.13
	TP	g/L	37.99	3.54	27.38-48.60
	UA	μmol/L	201.64	18.82	145.18-258.10
	Urea	mmol/L	5.40	0.53	3.82-6.98
	Zn	μmol/L	18.89	1.83	13.39-24.39
	5'-NT	U/L	11.57	1.07	8.35-14.79
Beckman Coulter AU680	ADA	U/L	12.80	1.21	9.18-16.43
	ALB	g/L	25.42	2.33	18.44-32.40
	ALP	U/L	83.03	7.74	59.80-106.26
	ALT	U/L	29.19	2.81	20.77-37.60
	α-AMY	U/L	43.61	4.17	31.11-56.11
	AST	U/L	37.50	3.41	27.27-47.73
	Ca	mmol/L	1.81	0.16	1.32-2.30
	CHE	U/L	4313	390	3142-5484
	CK	U/L	101.96	9.72	72.79-131.13
	CL	mmol/L	87.89	7.94	64.07-111.71
	Cre	μmol/L	74.49	7.36	52.42-96.55
	Cu	μmol/L	10.61	0.97	7.69-13.53
	DBIL	μmol/L	15.05	1.44	10.72-19.38
	Fe	μmol/L	14.41	1.53	9.82-19.00
	GLU	mmol/L	3.43	0.31	2.49-4.37
	GGT	U/L	37.42	3.37	27.32-47.52
	HBDH	U/L	100.45	10.00	70.44-130.46
	HDL-C	mmol/L	0.87	0.08	0.63-1.10
	K	mmol/L	3.06	0.28	2.24-3.89
	LAC	mmol/L	1.68	0.17	1.18-2.17
	LDH	U/L	112.34	10.48	80.91-143.77
	LDL-C	mmol/L	1.36	0.13	0.98-1.74
	LPS	U/L	25.08	2.40	17.87-32.28
	Mg	mmol/L	0.74	0.07	0.54-0.94
	Na	mmol/L	134.03	13.23	94.33-173.73
	P-AMY	U/L	21.87	2.12	15.52-28.22
	P	mmol/L	0.86	0.09	0.61-1.12
	TBA	μmol/L	12.25	1.20	8.67-15.84
	TBIL	μmol/L	21.59	2.15	15.14-28.03
	TC	mmol/L	2.72	0.25	1.97-3.48
	TG	mmol/L	1.15	0.11	0.81-1.50

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			Target	SD	Range
Beckman Coulter AU680	TIBC	μmol/L	35.51	3.33	25.52-45.51
	TP	g/L	39.54	3.53	28.96-50.12
	Urea	mmol/L	5.18	0.45	3.82-6.54
	UA	μmol/L	226.07	20.69	164.00-288.13
	Zn	μmol/L	21.23	2.08	14.99-27.47
	5'-NT	U/L	11.95	1.13	8.55-15.35

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.