

Clinical Chemistry Control– Level 1

Assignment of values (REF BYZKD0103 LOT 04B1101)

Instrument	Analyte	Unit	Clinical Chemistry Control-Level1		
			Target	SD	Range
Toshiba TBA-120FR/TBA-FX8	ADA	U/L	20.29	1.81	14.87-25.70
	ALB	g/L	24.83	2.13	18.43-31.22
	ALP	U/L	75.57	6.65	55.61-95.54
	ALT	U/L	35.22	2.97	26.33-44.12
	AMY	U/L	39.48	3.28	29.64-49.31
	AST	U/L	36.69	3.21	27.06-46.33
	Ca	mmol/L	1.88	0.17	1.38-2.38
	CHE	U/L	4671	380	3530-5812
	CK	U/L	105.47	8.95	78.61-132.32
	CL	mmol/L	76.5	6.85	55.94-97.05
	Cre	μmol/L	87.62	7.42	65.35-109.89
	Cu	μmol/L	12.24	1.03	9.15-15.33
	DBIL	μmol/L	13.3	1.24	9.59-17.02
	Fe	μmol/L	13.77	1.20	10.16-17.38
	Glu	mmol/L	3.87	0.32	2.90-4.85
	GGT	U/L	38.5	3.19	28.92-48.09
	Li	mmol/L	1.21	0.10	0.90-1.52
	HBDH	U/L	124.11	10.61	92.27-155.95
	HDL-C	mmol/L	0.78	0.07	0.58-0.98
	K	mmol/L	3.41	0.32	2.45-4.37
	LAC	mmol/L	1.7	0.15	1.25-2.16
	LDH	U/L	126.59	10.59	94.83-158.36
	LDL-C	mmol/L	1.69	0.14	1.26-2.11
	LPS	U/L	28.06	2.38	20.92-35.19
	Mg	mmol/L	0.85	0.07	0.63-1.07
	Na	mmol/L	141.46	13.35	101.41-181.52
	P-AMY	U/L	26.32	2.23	19.62-33.02
	P	mmol/L	0.85	0.07	0.63-1.08
TBA	μmol/L	11.51	0.96	8.64-14.38	
TBIL	μmol/L	22.81	2.12	16.46-29.17	
TC	mmol/L	3.02	0.25	2.28-3.76	

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			Target	SD	Range
Toshiba TBA-120FR/TBA-FX8	TG	mmol/L	1.07	0.09	0.81-1.33
	TIBC	μmol/L	30.11	2.65	22.15-38.06
	TP	g/L	37.9	3.26	28.12-47.69
	Urea	mmol/L	5.19	0.42	3.93-6.45
	UA	μmol/L	217.08	18.45	161.74-272.43
	Zn	μmol/L	20.84	1.98	14.91-26.77
	5'-NT	U/L	12.91	1.12	9.55-16.28
Beckman Coulter AU680	ADA	U/L	13.04	1.18	9.49-16.60
	ALB	g/L	23.92	2.36	16.85-30.99
	ALP	U/L	77.87	7.11	56.54-99.20
	ALT	U/L	33	2.97	24.07-41.92
	AMY	U/L	44.94	4.26	32.16-57.73
	AST	U/L	38.54	3.52	27.99-49.09
	Ca	mmol/L	1.82	0.17	1.32-2.32
	CHE	U/L	4447	363	3359-5535
	CK	U/L	104.62	9.79	75.26-133.98
	CL	mmol/L	83.72	6.80	63.32-104.11
	Cre	μmol/L	76.7	7.45	54.34-99.07
	Cu	μmol/L	12.95	1.25	9.21-16.70
	DBIL	μmol/L	17.2	1.70	12.09-22.31
	Fe	μmol/L	13.93	1.31	10.01-17.85
	Glu	mmol/L	3.54	0.31	2.60-4.49
	GGT	U/L	40.47	3.30	30.57-50.37
	HBDH	U/L	121.05	11.51	86.51-155.59
	HDL-C	mmol/L	0.75	0.09	0.49-1.02
	K	mmol/L	3.32	0.35	2.26-4.38
	LAC	mmol/L	1.8	0.17	1.29-2.31
	LDH	U/L	122.5	10.43	91.20-153.79
	LDL-C	mmol/L	1.53	0.16	1.06-2.01
	LPS	U/L	27.1	2.56	19.44-34.77
	Mg	mmol/L	0.72	0.07	0.51-0.94
	Na	mmol/L	133.13	10.91	100.41-165.86
	P-AMY	U/L	24.56	2.33	17.57-31.55
	P	mmol/L	0.84	0.08	0.60-1.08
	TBA	μmol/L	12.92	1.19	9.35-16.49
	TBIL	μmol/L	26.3	2.61	18.48-34.13
	TC	mmol/L	2.91	0.27	2.09-3.73
TG	mmol/L	1.14	0.11	0.81-1.47	

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			Target	SD	Range
Beckman Coulter AU680	TIBC	μmol/L	34.64	3.20	25.04-44.25
	TP	g/L	37.58	3.39	27.40-47.76
	Urea	mmol/L	4.85	0.44	3.52-6.18
	UA	μmol/L	218.38	19.89	158.73-278.04
	Zn	μmol/L	22.9	2.50	15.38-30.41
	5'-NT	U/L	13.27	1.38	9.13-17.41

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.