

## Clinical Chemistry Control– Level 2

Assignment of values ( **REF** BYZKD0203 **LOT** 29F1002 )

Instrument	Analyte	Unit	Clinical Chemistry Control-Level2		
			Target	SD	Range
Toshiba TBA-120FR/TBA-FX8	ADA	U/L	38.14	3.4	27.95-48.32
	ALB	g/L	37.78	3.03	28.68-46.88
	ALP	U/L	141.47	11.65	106.51-176.43
	ALT	U/L	99.43	8.84	72.92-125.95
	α-AMY	U/L	98.15	8.79	71.78-124.52
	AST	U/L	112.04	9.17	84.53-139.56
	Ca	mmol/L	2.49	0.21	1.85-3.13
	CHE	U/L	7319	539	5702-8935
	CK	U/L	212.25	19.81	152.81-271.69
	CL	mmol/L	101.45	8.4	76.25-126.65
	Cre	μmol/L	162.48	14.42	119.21-205.74
	Cu	μmol/L	17.48	1.48	13.04-21.92
	DBIL	μmol/L	25.78	2.37	18.68-32.88
	Fe	μmol/L	23.37	2.18	16.83-29.91
	GLU	mmol/L	5.68	0.48	4.23-7.12
	GGT	U/L	97.73	8.38	72.60-122.87
	Li	mmol/L	1.97	0.23	1.28-2.66
	HBDH	U/L	189.02	15.39	136.53-241.50
	HDL-C	mmol/L	1.14	0.11	0.80-1.48
	K	mmol/L	4.21	0.38	3.08-5.35
	LAC	mmol/L	3.63	0.32	2.68-4.57
	LDH	U/L	201.7	17.88	148.05-255.35
	LDL-C	mmol/L	2.02	0.19	1.46-2.58
	LPS	U/L	42.57	3.61	31.75-53.39
	Mg	mmol/L	1.03	0.08	0.77-1.28
	Na	mmol/L	143.93	12.11	107.60-180.27
	P-AMY	U/L	69.01	5.7	51.90-86.12
	P	mmol/L	1.37	0.13	0.98-1.76
TBA	μmol/L	20.7	1.91	14.97-26.44	
TBIL	μmol/L	46.89	4.45	33.53-60.26	
TC	mmol/L	3.75	0.31	2.81-4.68	

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			Target	SD	Range
Toshiba TBA-120FR/TBA-FX8	TG	mmol/L	1.53	0.14	1.09-1.96
	TIBC	μmol/L	48.23	4.17	35.72-60.74
	TP	g/L	57.16	4.86	42.57-71.75
	Urea	mmol/L	15.39	1.35	11.35-19.42
	UA	μmol/L	350.85	28.05	266.69-435.01
	Zn	μmol/L	35.65	2.9	26.94-44.35
	5'-NT	U/L	30.69	2.78	22.34-39.04
Beckman Coulter AU680	ADA	U/L	32.58	3.64	21.67-43.49
	ALB	g/L	36.41	2.90	27.70-45.11
	ALP	U/L	167.55	15.03	122.47-212.63
	ALT	U/L	81.57	7.78	58.24-104.91
	α-AMY	U/L	104.97	9.18	77.44-132.50
	AST	U/L	114.78	11.79	79.40-150.16
	Ca	mmol/L	2.23	0.19	1.66-2.80
	CHE	U/L	7092	560	5412-8771
	CK	U/L	208.63	19.78	149.29-267.97
	CL	mmol/L	102.21	7.19	80.63-123.79
	Cre	μmol/L	145.30	11.63	110.42-180.18
	Cu	μmol/L	18.09	1.72	12.94-23.24
	DBIL	μmol/L	23.85	2.03	17.75-29.94
	Fe	μmol/L	23.26	1.92	17.50-29.01
	GLU	mmol/L	5.04	0.40	3.84-6.24
	GGT	U/L	94.44	8.39	69.28-119.60
	HBDH	U/L	187.33	17.49	141.15-233.52
	HDL-C	mmol/L	0.95	0.09	0.67-1.22
	K	mmol/L	3.98	0.41	2.75-5.20
	LAC	mmol/L	3.46	0.27	2.64-4.27
	LDH	U/L	191.84	17.81	138.40-245.28
	LDL-C	mmol/L	1.97	0.17	1.45-2.48
	LPS	U/L	40.70	3.41	30.47-50.94
	Mg	mmol/L	1.00	0.07	0.78-1.21
	Na	mmol/L	135.73	10.93	102.96-168.51
	P-AMY	U/L	69.86	5.70	52.77-86.96
	P	mmol/L	1.25	0.10	0.95-1.56
	TBA	μmol/L	19.76	1.61	14.94-24.58
	TBIL	μmol/L	43.93	3.81	32.49-55.36
	TC	mmol/L	3.71	0.30	2.82-4.60
TG	mmol/L	1.62	0.14	1.20-2.05	

Instrument	Analyte	Unit	Clinical Chemistry Control-Level2		
			Target	SD	Range
Beckman Coulter AU680	TIBC	μmol/L	56.23	4.83	41.73-70.73
	TP	g/L	54.55	4.42	41.29-67.81
	Urea	mmol/L	14.76	1.27	10.96-18.57
	UA	μmol/L	360.22	31.56	265.56-454.89
	Zn	μmol/L	41.97	3.60	31.17-52.76
	5'-NT	U/L	30.51	2.70	22.42-38.61

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.