

Tumor Marker Control – Level 1

Assignment of values (**REF** BYZKH0103 **LOT** 29K0902)

Instrument	Analyte	Unit	Tumor Marker Control Level1		
			Target	SD	Range
Auto Lumo A2000/A2000 plus	AFP	ng/mL	4.98	0.48	3.54 -6.42
	CA125	U/mL	19.54	2.03	13.45 -25.63
	CA15-3 (IVDD)	U/mL	19.85	2.08	13.61 -26.09
	CA15-3 (IVDR)	U/mL	17.44	1.74	12.22 -22.66
	CA19-9	U/mL	10.07	0.96	7.19 -12.95
	CA242(IVDD)	U/mL	16.96	1.76	11.68 -22.24
	CA242 (IVDR)	U/mL	10.16	1.00	7.16 -13.16
	CA50	U/mL	7.69	0.73	5.50-9.88
	CA72-4(IVDD)	U/mL	4.40	0.42	3.14 -5.66
	CA72-4 (IVDR)	U/mL	4.75	0.46	3.37 -6.13
	CEA	ng/mL	4.52	0.46	3.14 -5.90
	Cyfra21-1	ng/mL	2.68	0.26	1.90-3.46
	Ferr	ng/mL	73.71	7.09	52.44 -94.98
	fPSA	ng/mL	0.79	0.08	0.55 -1.03
	HE4	pmol/L	53.01	5.10	37.71 -68.31
	NSE	ng/mL	10.70	1.10	7.40 -14.00
	PGI	ng/mL	57.68	6.00	39.68 -75.68
	PGII	ng/mL	9.78	0.97	6.87 -12.69
	PSA	ng/mL	2.71	0.26	1.93 -3.49
	SCCA(IVDD)	ng/mL	1.25	0.12	0.89 -1.61
	SCCA(IVDR)	ng/mL	1.74	0.18	1.20 -2.28
	TG	ng/mL	4.30	0.43	3.01 -5.59
	β2-Microglobulin(IVDD)	μg/L	1449	142.85	1020 -1878
β2-Microglobulin (IVDR)	μg/L	1033	99.01	736 -1330	
β-HCG	mIU/mL	5.32	0.54	3.70 -6.94	
ProGRP	pg/mL	31.29	2.99	22.32 -40.26	
Roche Cobas e601	AFP	IU/mL	4.55	0.44	3.23 -5.87
	CA125	U/mL	18.61	1.79	13.24 -23.98
	CA15-3	U/mL	17.33	1.71	12.20-22.46
	CA19-9	U/mL	14.01	1.40	9.81 -18.21
	CA72-4	KU/L	5.29	0.51	3.76 -6.82
	CEA	ng/mL	3.93	0.38	2.79 -5.07
	Cyfra21-1	μg/L	2.73	0.28	1.89 -3.57

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Roche Cobas e601	Ferr	ng/mL	63.97	6.44	44.65 -83.29
	fPSA	ng/mL	0.65	0.07	0.44 -0.86
	HE4	pmol/L	51.90	5.24	36.18 -67.62
	NSE	µg/L	5.43	0.53	3.84 -7.02
	PSA	ng/mL	3.25	0.31	2.32 -4.18
	SCCA	ng/mL	1.58	0.16	1.10 -2.06
	TG	ng/mL	28.74	2.84	20.22 -37.26
	β-HCG	mIU/mL	3.64	0.35	2.59 -4.69
*HCG	mIU/mL	4.10	0.41	2.87 -5.33	
Beckman DXI800	AFP	ng/mL	4.35	0.42	3.09 -5.61
	CA125	U/mL	15.80	1.62	10.94 -20.66
	CA15-3	U/mL	9.90	0.97	6.99 -12.81
	CA19-9	U/mL	17.86	1.86	12.28 -23.44
	CEA	ng/mL	3.24	0.33	2.25 -4.23
	Ferr	ng/mL	36.20	3.79	24.83 -47.57
	fPSA	ng/mL	1.12	0.11	0.79 -1.45
	PSA	ng/mL	3.59	0.37	2.48 -4.70
β-HCG	mIU/mL	5.86	0.58	4.12 -7.60	
Siemens Advia Centaur XP	AFP	ng/mL	4.99	0.48	3.55 -6.43
	CA125	U/mL	24.63	2.57	16.92 -32.34
	CA15-3	U/mL	20.93	2.14	14.51 -27.35
	CA19-9	U/mL	34.33	3.31	24.40 -44.26
	CEA	ng/mL	3.91	0.39	2.74 -5.08
	Ferr	ng/mL	40.92	3.96	29.04 -52.80
	PSA	ng/mL	3.85	0.37	2.74 -4.96
	HCG	mIU/mL	8.46	0.85	5.91 -11.01
Mindray CL-6000i	AFP	ng/mL	4.45	0.43	3.16 -5.74
	CEA	ng/mL	3.01	0.29	2.14 -3.88
	CA15-3	U/mL	15.26	1.49	10.79 -19.73
	CA19-9	U/mL	12.34	1.18	8.80 -15.88
	CA72-4	U/mL	2.96	0.29	2.09 -3.83
	CA125	U/mL	20.16	2.05	14.01 -26.31
	Ferr	ng/mL	56.71	5.87	39.10 -74.32
	PSA	ng/mL	2.94	0.31	2.01 -3.87
	fPSA	ng/mL	0.64	0.06	0.46 -0.82
	β-HCG	mIU/mL	4.85	0.48	3.41 -6.29
	SCCA	ng/mL	0.89	0.09	0.62 -1.16
	NSE	ng/mL	12.65	1.32	8.69 -16.61
ProGRP	pg/mL	14.79	1.51	10.26 -19.32	

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Abbott ARCHITECT i2000SR	AFP	ng/mL	4.61	0.47	3.20 -6.02
	CEA	ng/mL	4.16	0.40	2.96 -5.36
	CA125	U/mL	23.54	2.25	16.79 -30.29
	CA15-3	U/mL	14.33	1.39	10.16 -18.50
	Ferr	ng/mL	65.71	6.35	46.66 -84.76
	SCCA	ng/mL	0.85	0.09	0.58 -1.12
	HE4	pmol/L	59.43	5.73	42.24 -76.62
	ProGRP	pg/mL	23.65	2.26	16.87 -30.43

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.