

Tumor Marker Control – Level 2

Assignment of values (**REF** BYZKH0203 **LOT** 07B1001)

Instrument	Analyte	Unit	Tumor Marker Control II-Level2		
			Target	SD	range
Auto Lumo A2000/A2000 plus	AFP	ng/mL	89.94	9.34	61.92-117.96
	CA125	U/mL	83.81	8.79	57.44-110.18
	CA15-3 (IVDD)	U/mL	46.91	4.68	32.87-60.95
	CA15-3 (IVDR)	U/mL	48.00	4.57	34.29-61.71
	CA19-9	U/mL	48.06	4.97	33.15-62.97
	CA242(IVDD)	U/mL	84.44	8.31	59.51-109.37
	CA242 (IVDR)	U/mL	47.23	4.49	33.76-60.70
	CA50	U/mL	31.48	3.03	22.39-40.57
	CA72-4(IVDD)	U/mL	44.92	4.37	31.81-58.03
	CA72-4 (IVDR)	U/mL	53.43	5.47	37.02-69.84
	CEA	ng/mL	45.76	4.42	32.50-59.02
	Cyfra21-1	ng/mL	25.39	2.44	18.07-32.71
	Ferr	ng/mL	209.75	20.62	147.89-271.61
	fPSA	ng/mL	9.66	0.93	6.87-12.45
	HE4	pmol/L	168.69	17.28	116.85-220.53
	NSE	ng/mL	46.88	4.88	32.24-61.52
	PGI	ng/mL	75.11	7.48	52.67-97.55
	PGII	ng/mL	21.93	2.11	15.60-28.26
	PSA	ng/mL	10.05	0.99	7.08-13.02
	SCCA(IVDD)	ng/mL	9.00	0.92	6.24-11.76
	SCCA(IVDR)	ng/mL	10.17	1.02	7.11-13.23
	TG	ng/mL	66.79	6.60	46.99-86.59
	β2-Microglobulin(IVDD)	µg/L	1913	183.00	1364-2462
β2-Microglobulin (IVDR)	µg/L	1268	129.00	881-1655	
β-HCG	mIU/mL	61.78	5.90	44.08-79.48	
*ProGRP	pg/mL	434.82	41.95	308.97-560.67	
Roche Cobas e601	AFP	IU/mL	88.28	8.48	62.84-113.72
	CA125	U/mL	111.35	11.00	78.35-144.35
	CA15-3	U/mL	45.68	4.58	31.94-59.42
	CA19-9	U/mL	57.67	5.57	40.96-74.38
	CA72-4	KU/L	72.50	6.98	51.56-93.44
	CEA	ng/mL	36.65	3.73	25.46-47.84
	Cyfra21-1	µg/L	26.05	2.62	18.19-33.91

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Roche Cobas e601	Ferr	ng/mL	182.15	17.67	129.14-235.16
	fPSA	ng/mL	7.02	0.68	4.98-9.06
	HE4	pmol/L	145.12	15.00	100.12-190.12
	NSE	µg/L	42.31	4.19	29.74-54.88
	PSA	ng/mL	10.75	1.04	7.63-13.87
	SCCA	ng/mL	8.65	0.86	6.07-11.23
	TG	ng/mL	215.63	20.79	153.26-278
	β-HCG	mIU/mL	59.67	6.13	41.28-78.06
	*HCG	mIU/mL	63.03	6.19	44.46-81.60
Beckman DXI800	AFP	ng/mL	95.95	10.00	65.95-125.95
	CA125	U/mL	105.20	10.62	73.34-137.06
	CA15-3	U/mL	20.50	2.14	14.08-26.92
	CA19-9	U/mL	80.90	7.71	57.77-104.03
	CEA	ng/mL	42.43	4.42	29.17-55.69
	Ferr	ng/mL	115.10	11.40	80.90-149.30
	fPSA	ng/mL	9.18	0.88	6.54-11.82
	PSA	ng/mL	12.42	1.30	8.52-16.32
	β-HCG	mIU/mL	62.65	6.41	43.42-81.88
Siemens Advia Centaur XP	AFP	ng/mL	106.52	10.26	75.74-137.30
	CA125	U/mL	127.90	12.89	89.23-166.57
	CA15-3	U/mL	37.80	3.66	26.82-48.78
	CA19-9	U/mL	121.43	11.73	86.24-156.62
	CEA	ng/mL	41.17	4.15	28.72-53.62
	Ferr	ng/mL	130.20	12.54	92.58-167.82
	PSA	ng/mL	10.06	0.97	7.15-12.97
		*HCG	mIU/mL	74.70	7.30
Mindray CL-6000i	AFP	ng/mL	101.05	9.68	72.01-130.09
	CEA	ng/mL	43.93	4.37	30.82-57.04
	CA15-3	U/mL	22.09	2.25	15.34-28.84
	CA19-9	U/mL	41.55	4.30	28.65-54.45
	CA72-4	U/mL	26.51	2.78	18.17-34.85
	CA125	U/mL	124.59	12.23	87.90-161.28
	Ferr	ng/mL	162.29	15.86	114.71-209.87
	PSA	ng/mL	9.96	0.97	7.05-12.87
	fPSA	ng/mL	7.68	0.80	5.28-10.08
	β-HCG	mIU/mL	55.95	5.71	38.82-73.08
	SCCA	ng/mL	6.23	0.64	4.31-8.15
	NSE	ng/mL	63.00	6.02	44.94-81.06
	ProGRP	pg/mL	212.57	20.37	151.46-273.68

Instrument	Analyte	Unit	Tumor Marker Control II-Level2		
			Target	SD	range
Abbott ARCHITECT i2000SR	AFP	ng/mL	99.27	9.61	70.44-128.10
	CEA	ng/mL	51.00	4.93	36.21-65.79
	CA125	U/mL	162.65	16.16	114.17-211.13
	CA15-3	U/mL	41.55	4.01	29.52-53.58
	Ferr	ng/mL	214.72	20.49	153.25-276.19
	SCCA	ng/mL	8.38	0.81	5.95-10.81
	HE4	pmol/L	146.23	14.92	101.47-190.99
	*ProGRP	pg/mL	678.09	69.43	469.80-886.38

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.