

Tumor Marker Control – Level 3

Assignment of values (**REF** BYZKH0303 **LOT** 07B1002)

Instrument	Analyte	Unit	Tumor Marker Control Level3		
			Target	SD	Range
Auto Lumo A2000/A2000 plus	AFP	ng/mL	175.76	16.75	125.51-226.01
	CA125	U/mL	170.59	17.65	117.64-223.54
	CA15-3 (IVDD)	U/mL	75.30	7.41	53.07-97.53
	CA15-3 (IVDR)	U/mL	79.22	7.53	56.63-101.81
	CA19-9	U/mL	96.17	9.27	68.36-123.98
	CA242(IVDD)	U/mL	158.43	15.42	112.17-204.69
	CA242 (IVDR)	U/mL	90.47	9.27	62.66-118.28
	CA50	U/mL	60.59	5.85	43.04-78.14
	CA72-4(IVDD)	U/mL	87.36	8.40	62.16-112.56
	CA72-4 (IVDR)	U/mL	104.54	10.28	73.70-135.38
	CEA	ng/mL	77.73	7.48	55.29-100.17
	Cyfra21-1	ng/mL	53.15	5.45	36.80-69.50
	Ferr	ng/mL	362.92	37.76	249.64-476.20
	fPSA	ng/mL	15.85	1.58	11.11-20.59
	HE4	pmol/L	328.94	31.65	233.99-423.89
	NSE	ng/mL	90.84	8.96	63.96-117.72
	PGI	ng/mL	109.52	11.26	75.74-143.30
	PGII	ng/mL	36.60	3.69	25.53-47.67
	PSA	ng/mL	25.25	2.49	17.78-32.72
	SCCA(IVDD)	ng/mL	15.26	1.46	10.88-19.64
	SCCA(IVDR)	ng/mL	16.34	1.66	11.36-21.32
	TG	ng/mL	142.96	13.66	101.98-183.94
	β2-Microglobulin(IVDD)	μg/L	2903	280.00	2063-3743
β2-Microglobulin (IVDR)	μg/L	1869	179.67	1330-2408	
β-HCG	mIU/mL	384.48	37.96	270.60-498.36	
ProGRP	pg/mL	1869	187.61	1306-2432	
Roche Cobas e601	AFP	IU/mL	171.67	16.58	121.93-221.41
	CA125	U/mL	234.28	22.55	166.63-301.93
	CA15-3	U/mL	77.10	7.84	53.58-100.62
	CA19-9	U/mL	111.08	11.18	77.54-144.62
	CA72-4	KU/L	135.84	13.17	96.33-175.35
	CEA	ng/mL	62.16	6.16	43.68-80.64
	Cyfra21-1	μg/L	57.70	5.62	40.84-74.56

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Roche Cobas e601	Ferr	ng/mL	314.75	33.00	215.75-413.75
	fPSA	ng/mL	10.92	1.05	7.77-14.07
	HE4	pmol/L	277.80	26.51	198.27-357.33
	NSE	µg/L	85.64	8.74	59.42-111.86
	PSA	ng/mL	24.61	2.52	17.05-32.17
	SCCA	ng/mL	14.26	1.48	9.82-18.70
	TG	ng/mL	378.41	38.54	262.79-494.03
	β-HCG	mIU/mL	376.42	36.53	266.83-486.01
	HCG	mIU/mL	397.95	39.20	280.35-515.55
Beckman DXI800	AFP	ng/mL	200.40	20.45	139.05-261.75
	CA125	U/mL	230.70	22.63	162.81-298.59
	CA15-3	U/mL	35.90	3.50	25.40-46.40
	CA19-9	U/mL	170.90	16.99	119.93-221.87
	CEA	ng/mL	71.75	7.14	50.33-93.17
	Ferr	ng/mL	203.10	19.67	144.09-262.11
	fPSA	ng/mL	14.90	1.45	10.55-19.25
	PSA	ng/mL	31.88	3.08	22.64-41.12
	β-HCG	mIU/mL	380.49	36.56	270.81-490.17
Siemens Advia Centaur XP	AFP	ng/mL	200.61	20.66	138.63-262.59
	CA125	U/mL	277.70	26.46	198.32-357.08
	CA15-3	U/mL	65.20	6.27	46.39-84.01
	CA19-9	U/mL	197.29	20.39	136.12-258.46
	CEA	ng/mL	65.52	6.48	46.08-84.96
	Ferr	ng/mL	241.40	23.23	171.71-311.09
	PSA	ng/mL	23.81	2.36	16.73-30.89
	HCG	mIU/mL	453.80	43.75	322.55-585.05
Mindray CL-6000i	AFP	ng/mL	198.10	20.34	137.08-259.12
	CEA	ng/mL	77.47	7.60	54.67-100.27
	CA15-3	U/mL	35.55	3.71	24.42-46.68
	CA19-9	U/mL	81.27	8.20	56.67-105.87
	CA72-4	U/mL	48.74	5.10	33.44-64.04
	CA125	U/mL	257.16	24.51	183.63-330.69
	Ferr	ng/mL	305.99	31.86	210.41-401.57
	PSA	ng/mL	22.12	2.19	15.55-28.69
	fPSA	ng/mL	12.57	1.21	8.94-16.20
	β-HCG	mIU/mL	361.76	37.77	248.45-475.07
	SCCA	ng/mL	11.66	1.19	8.09-15.23
	NSE	ng/mL	129.93	12.51	92.40-167.46
ProGRP	pg/mL	872.90	87.94	609.08-1136.72	

Instrument	Analyte	Unit	Tumor Marker Control Level3		
			Target	SD	Range
Abbott ARCHITECT i2000SR	AFP	ng/mL	190.74	18.46	135.36-246.12
	CEA	ng/mL	89.12	8.61	63.29-114.95
	CA125	U/mL	354.70	35.72	247.54-461.86
	CA15-3	U/mL	73.20	7.05	52.05-94.35
	Ferr	ng/mL	384.67	37.18	273.13-496.21
	SCCA	ng/mL	15.07	1.47	10.66-19.48
	HE4	pmol/L	282.50	27.05	201.35-363.65
	ProGRP	pg/mL	2790	277.23	1958-3622

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.