

VALUE ASSIGNMENT FOR BIO-RAD MASTER LOT 4037(1-3) EXP: 2021-10-31						
AccuBind® ELISA	4037-1		4037-2		4037-3	
	Mean	Range	Mean	Range	Mean	Range
Allergy						
IgE in IU/ml	282.00	188.94 - 375.06	106.19	71.15 - 141.23	138.08	92.51 - 183.64
Anemia						
Ferritin in ng/ml	75.84	50.81 - 100.87	142.13	92.70 - 191.57	327.10	219.16 - 435.04
Folate in ng/ml	3.08	2.06 - 4.09	7.34	4.91 - 9.76	10.38	6.95 - 13.80
Vitamin B12 in pg/ml	387.86	259.87 - 515.86	629.81	421.97 - 837.65	886.82	594.17 - 1179.46
Anemia VAST						
Folate in ng/ml	3.38	2.27 - 4.50	8.07	5.40 - 10.73	10.72	7.18 - 14.26
Vitamin B12 in pg/ml	485.06	324.99 - 645.13	773.11	517.98 - 1028.23	939.46	629.44 - 1249.48
Cancer Markers						
CEA in ng/ml	1.80	1.21 - 2.39	12.17	8.15 - 16.19	20.50	13.73 - 27.26
AFP in ng/ml	15.71	10.53 - 20.89	93.51	62.85 - 124.37	223.79	149.94 - 297.65
tPSA in ng/ml	0.79	0.53 - 1.05	4.06	2.72 - 5.40	19.79	13.26 - 26.32
tPSA-XS in ng/ml	0.82	0.55 - 1.09	4.16	2.79 - 5.53	20.83	13.95 - >25
fPSA in ng/ml	0.40	0.27 - 0.53	2.42	1.62 - 3.21	>10	
CEA Next Generation in ng/ml	1.52	0.87 - 2.17	12.31	8.24 - 16.37	21.78	14.59 - 28.96
Cancer Markers VAST						
CEA in ng/ml	1.77	1.19 - 2.35	12.09	8.10 - 16.08	21.46	14.38 - 28.54
PSA in ng/ml	0.79	0.53 - 1.04	3.97	2.66 - 5.28	21.02	14.08 - 27.96
AFP in ng/ml	14.17	9.49 - 18.85	75.82	50.80 - 100.84	155.40	104.12 - 206.68
Cardiac Markers						
Dig in ng/ml	0.64	0.43 - 0.85	2.01	1.35 - 2.68	3.48	2.33 - >4
Diabetes						
Insulin in µIU/ml	9.93	6.66 - 13.21	45.63	30.57 - 60.69	144.04	96.51 - 191.58
C-Peptide in ng/ml	0.48	0.32 - 0.64	3.89	2.61 - 5.17	5.49	3.68 - 7.30
Rapid Insulin in µIU/ml	9.30	5.52 - 13.07	46.42	31.10 - 61.73	145.75	97.65 - 193.85
Fertility						
FSH in mIU/ml	5.03	3.37 - 6.70	22.37	14.99 - 29.75	51.59	34.57 - 68.62
PRL in ng/ml	8.83	5.91 - 11.74	25.11	16.82 - 33.39	65.41	43.82 - 86.99
LH in mIU/ml	1.77	1.19 - 2.35	21.98	14.73 - 29.23	81.65	54.71 - 108.60
hCG-XR in mIU/ml	3.88	2.60 - 5.16	19.42	13.01 - 25.82	100.47	67.31 - 133.62
hCG in mIU/ml	3.97	2.66 - 5.28	20.75	13.90 - 27.60	134.44	90.08 - 178.81
Rapid hCG in mIU/ml	3.62	2.43 - 4.82	19.82	13.28 - 26.36	108.52	72.71 - 144.33
Fertility VAST						
PRL-seq in ng/ml	5.60	3.71 - 7.50	17.63	11.81 - 23.45	39.84	26.70 - 52.99
LH in mIU/ml	2.68	1.80 - 3.57	24.36	16.32 - 32.40	85.52	57.30 - 113.74
FSH in mIU/ml	4.38	2.93 - 5.82	22.59	15.14 - 30.05	50.35	33.73 - 66.97
hCG in mIU/ml	4.30	2.88 - 5.71	21.66	14.51 - 28.80	120.38	80.65 - 160.11
Growth Deficiency						
hGH in µIU/ml	10.64	7.13 - 14.15	27.04	18.12 - 35.97	49.53	33.18 - 65.87
Steroids						
Cortisol in µg/dl	3.29	2.20 - 4.37	19.85	13.30 - 26.40	28.82	19.31 - 38.33
Testosterone in ng/ml	0.99	0.66 - 1.31	3.72	2.49 - 4.95	8.49	5.69 - 11.29
Progesterone in ng/ml	0.75	0.50 - 1.00	12.04	8.06 - 16.01	27.76	18.60 - 36.93
E2 in pg/ml	81.22	54.41 - 108.02	194.62	130.39 - 258.84	314.04	210.41 - 417.68
DHEA-S in µg/ml	0.76	0.46 - 1.05	2.07	1.38 - 2.75	6.50	4.36 - >8
uE3 in ng/ml	2.24	1.50 - 2.99	8.13	5.44 - 10.81	12.93	8.66 - 17.20
DHEA in ng/ml	1.73	1.16 - 2.30	5.33	3.57 - 7.09	7.50	5.02 - 9.97
Free Testosterone in pg/ml (0-37 calibrator range)	2.06	1.38 - 2.74	7.68	5.15 - 10.22	22.54	15.10 - 29.98
17-OHP in ng/ml	0.81	0.54 - 1.07	3.45	2.31 - 4.59	8.30	5.56 - >10
17-OHP-SI in ng/ml	0.42	0.28 - 0.55	1.74	1.16 - 2.31	4.34	2.91 - 5.77
Thyroid						
T3 in ng/ml	0.88	0.59 - 1.17	2.15	1.44 - 2.86	3.42	2.29 - 4.55
T4 in µg/dl	4.46	2.99 - 5.94	9.65	6.46 - 12.83	14.79	9.91 - 19.67
TSH in µIU/ml	0.45	0.30 - 0.60	5.54	3.71 - 7.37	38.18	25.58 - >40
T3-Uptake in %U	28.96	25.58 - 32.34	35.29	31.96 - 38.62	42.83	39.41 - 46.25
FT4 in ng/dl	0.64	0.43 - 0.85	1.92	1.29 - 2.56	3.33	2.23 - 4.43
FT3 in pg/ml	2.65	1.77 - 3.52	4.78	3.20 - 6.36	6.88	4.61 - 9.14
Rapid TSH in µIU/ml	0.55	0.37 - 0.73	5.27	3.53 - 7.00	37.43	25.08 - 49.78
TSH-RC in µIU/ml	0.29	0.13 - 0.46	4.64	3.11 - 6.17	38.51	25.80 - >40
Thyroid VAST						
TSH in µIU/ml	0.38	0.25 - 0.50	5.39	3.61 - 7.17	38.42	25.74 - >40
Strept T4 in µg/dl	4.81	3.23 - 6.40	10.09	6.76 - 13.41	14.66	9.82 - 19.50
Strept T3 in ng/ml	0.96	0.64 - 1.28	2.25	1.51 - 2.99	3.25	2.18 - 4.32
Free Thyroid VAST						
TSH in µIU/ml	0.35	0.24 - 0.47	5.63	3.77 - 7.49	37.85	25.36 - >40
Strept FT4 in ng/dl	0.83	0.55 - 1.10	2.09	1.40 - 2.78	3.32	2.23 - 4.42
Strept FT3 in pg/ml	3.15	2.07 - 4.23	5.98	4.00 - 7.95	8.22	5.51 - 10.93
Triple Screen VAST						
AFP in ng/ml	15.12	10.13 - 20.11	101.07	67.72 - 134.42	199.90	133.93 - 265.87
uE3 in ng/ml	2.19	1.47 - 2.91	7.04	4.72 - 9.36	12.65	8.48 - 16.83
HCG in µIU/ml	3.68	2.47 - 4.90	21.99	14.73 - 29.25	130.33	87.32 - 173.34

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APPROVED BY: <u>F. Alghar</u>	DEPT: Administration		EFFECTIVE DATE: 2019-Jan-14	
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