

**VALUE ASSIGNMENT FOR BIO-RAD**  
**MASTER LOT 4035(1-3) EXP: 2020-05-31**

AccuBind® ELISA	4034-1		4034-2		4034-3	
	Mean	Range	Mean	Range	Mean	Range
<b>Allergy</b>						
IgE in IU/ml	371.93	249.19 - >400	90.10	60.37 - 119.83	154.24	103.34 - 205.14
<b>Anemia</b>						
Ferritin in ng/ml	48.33	32.38 - 64.28	136.5	91.46 - 181.55	389.16	260.74 - 517.58
Folate in ng/ml	3.71	2.49-4.93	7.88	5.28 - 10.48	10.91	7.31 - 14.51
Vitamin B12 in pg/ml	372.95	249.88-496.02	600	402 - 798	925	619.75 - 1230.25
<b>Cancer Markers</b>						
CEA in ng/ml	1.9	1.27 - 2.53	12.73	8.53 - 16.93	20.44	13.69 - 27.19
AFP in ng/ml	15.57	10.43 - 20.71	89.26	59.80 - 118.72	203.36	136.25 - 270.47
PSA in ng/ml	0.7	0.47 - 0.93	3.6	2.41 - 4.79	25.51	17.09 - 33.93
PSA-XS in ng/ml	0.87	0.58 - 1.16	3.95	2.65 - 5.25	22.6	15.14 - 30.06
fPSA in ng/ml	0.46	0.31 - 0.61	2.16	1.45 - 2.87	>10	
CEA Next Generation in ng/ml	1.58	1.06 - 2.10	12.29	8.23 - 16.35	20.56	13.78 - 27.34
<b>Cancer Markers VAST</b>						
CEA in ng/ml	1.78	1.19 - 2.37	13.8	9.25 - 18.35	24.04	16.11 - 31.97
PSA in ng/ml	0.82	0.55 - 1.09	3.65	2.45 - 4.85	21.1	14.14 - 28.06
AFP in ng/ml	14.4	9.65 - 19.15	94.9	63.58 - 126.22	205.4	137.62 - 273.18
<b>Cardiac Markers</b>						
Dig in ng/ml	0.56	0.38 - 0.74	2.08	1.39 - 2.77	3.23	2.16 - >4
<b>Diabetes</b>						
Insulin in µU/ml	10.2	6.83 - 13.57	42.8	28.68 - 56.92	129.5	86.77 - 172.24
C-Peptide in ng/ml	1.44	0.96 - 1.92	5.48	3.67 - 7.29	7.49	5.02 - 9.96
Rapid Insulin in µU/ml	10.41	6.97 - 13.85	42.37	28.39 - 56.35	130.69	87.56 - 173.82
<b>Fertility</b>						
FSH in mIU/ml	5.9	3.95 - 7.85	21.99	14.73 - 29.25	46.2	30.95 - 61.45
PRL in ng/ml	8.27	5.54 - 11.00	23.14	15.50 - 30.78	50.66	33.94 - 67.38
LH in mIU/ml	1.91	1.28 - 2.54	24.12	16.16 - 32.08	68	45.56 - 90.44
hCG-XR in mIU/ml	3.45	2.31 - 4.59	14.7	9.85 - 19.55	125.6	84.15 - 167.05
hCG in mIU/ml	6.71	4.50 - 8.92	20.81	13.94 - 27.68	175	117.25 - 232.75
Rapid hCG in mIU/ml	5.59	3.75 - 7.43	16.57	11.10 - 22.04	158.89	106.46 - 211.32
<b>Fertility VAST</b>						
PRL-seq in ng/ml	5.5	3.69 - 7.32	15.97	10.70 - 21.24	33.86	22.69 - 45.03
LH in mIU/ml	2.09	1.40 - 2.78	21	14.07 - 27.93	64.86	43.46 - 86.26
FSH in mIU/ml	3.8	2.55 - 5.05	17.6	11.79 - 23.41	41.9	28.07 - 55.73
hCG in mIU/ml	4.15	2.78 - 5.52	15.3	10.25 - 20.35	147.5	98.83-196.18
<b>Growth Deficiency</b>						
hGH in µU/ml	10.45	7.00 - 13.90	24	16.08 - 31.92	54.79	36.71 - 72.87
<b>Steroids</b>						
Cortisol in µg/dl	3.76	2.52 - 5.00	18.5	12.40 - 24.61	31	20.77 - 41.23
Testosterone in ng/ml	1.13	0.76 - 1.50	5.21	3.49 - 6.93	10.26	6.87 - >12
Progesterone in ng/ml	1.59	1.07 - 2.11	14.19	9.51 - 18.87	32.68	21.90 - 43.46
E2 in pg/ml	112.48	75.36 - 149.60	199.7	133.80 - 265.60	314.2	210.51 - 417.89
uE3 in ng/ml	2.32	1.55 - 3.09	7.7	5.16 - 10.24	16.6	11.12 - 22.08
DHEA-S in µg/ml	0.67	0.45 - 0.89	1.61	1.08 - 2.14	6.16	4.13 - 8.19
DHEA in ng/ml	1.79	1.20 - 2.38	4.18	2.80 - 5.56	7.57	5.07 - 10.07
Free Testosterone in pg/ml	3	2.01 - 3.99	15.55	10.42 - 20.68	36.04	24.15 - 47.93
17-OHP in ng/ml	0.73	0.49 - 0.97	3.31	2.22 - 4.40	>8	
17-OHP-SI in ng/ml	0.38	0.25 - 0.51	1.75	1.17 - 2.33	5.25	3.52 - 6.98
<b>Thyroid</b>						
T3 in ng/ml	0.80	0.54 - 1.06	2.01	1.35 - 2.67	3.1	2.08 - 4.12
T4 in µg/dl	5.5	3.69 - 7.32	9.5	6.37 - 12.64	14.8	9.92 - 19.68
TSH in µIU/ml	0.42	0.28 - 0.56	5.78	3.87 - 7.69	32.93	22.06 - >40
T3-Uptake in %U	31	29.35 - 32.65	36.02	34.32 - 37.72	45.5	43.35 - 47.65
ft4 in ng/dl	0.95	0.64 - 1.26	2	1.34 - 2.66	3.8	2.55 - 5.05
ft3 in pg/ml	2.42	1.62 - 3.22	4.74	3.18 - 6.30	7.08	4.74 - 9.42
Rapid TSH in µIU/ml	0.55	0.37 - 0.73	5.67	3.80 - 7.54	34.45	23.08 - 45.82
TSH-RC in µIU/ml	0.48	0.32 - 0.64	6.03	4.04 - 8.02	35.5	23.79 - 47.22
<b>Free Thyroid VAST</b>						
TSH in µIU/ml	0.62	0.42 - 0.82	6.3	4.22 - 8.38	41.12	27.55 - 54.69
Strept ft4 in ng/dl	1.07	0.72 - 1.42	2.31	1.55 - 3.07	3.33	2.23 - 4.43
Strept ft3 in pg/ml	2.39	1.60 - 3.18	5.37	3.60 - 7.14	8.17	5.47 - 10.87
<b>Thyroid VAST</b>						
TSH in µIU/ml	0.29	0.19 - 0.39	5.97	4.0 - 7.94	35.21	23.59 - >40
Strept T4 in µg/dl	5.91	3.96 - 7.86	10.12	6.78 - 13.46	16.4	10.99 - 21.81
Strept T3 in ng/ml	1.04	0.70 - 1.38	2.15	1.44 - 2.86	3.56	2.39 - 4.73
<b>Triple Screen VAST</b>						
HCG in mIU/ml	4.46	2.99 - 5.93	16.22	10.87 - 21.57	155.8	104.39 - 207.21
uE3 in ng/ml	2.46	1.65 - 3.27	7.6	5.09 - 10.11	17.9	11.99 - 23.81
AFP in ng/ml	15.2	10.18 - 20.22	105.47	70.66 - 140.28	202.5	135.68 - 269.33

DOCUMENT HISTORY	
PREPARED BY: <u>MSW</u> DEPT: QC	VERIFIED BY: <u>Ashatola</u> DEPT: QA
APPROVED BY: <u>Zuelgaber</u> DEPT: Administration	EFFECTIVE DATE: 2017-May-22
REVISION: 0	DCO: N/A