

VALUE ASSIGNMENT FOR BIO-RAD						
MASTER LOT 4043(1-3) EXP:2025-10-31						
AccuBind® ELISA	40431		40432		40433	
	Mean	Range	Mean	Range	Mean	Range
<b>Lyphocheck IA Plus</b>						
<b>Allergy</b>						
IgE in IU/ml	309.50	207.36->400	86.45	57.92-114.98	96.12	64.40-127.84
<b>Anemia</b>						
Ferritin in ng/ml	58.8	39.40-78.20	154.69	103.64-205.73	351.65	235.60-467.69
Folate in ng/ml	3.61	2.42-4.81	6.27	4.20-8.34	8.38	5.62-11.15
Vitamin B12 in pg/ml	349.31	234.04-464.58	577.05	386.62-767.47	822.69	551.20-1094.18
<b>Anemia VAST</b>						
Folate in ng/ml	3.58	2.40-4.76	6.34	4.24-8.43	8.96	6.0-11.91
Vitamin B12 in pg/ml	352.84	236.40-469.27	626.17	419.53-832.80	912.32	611.25-1213.38
<b>Cancer Markers</b>						
CEA in ng/ml	1.84	1.23-2.45	15.62	10.46-20.77	22.75	15.24-30.26
CEA Next Generation in ng/ml	<2		13.72	9.19-18.24	21.14	14.16-28.12
AFP in ng/ml	14.08	9.43-18.73	96.14	64.42-127.87	211.91	141.98-281.84
tPSA in ng/ml	<2		4.84	3.25-6.44	29.06	19.47-38.64
tPSA-XS in ng/ml	0.63	0.42-0.83	3.73	2.45-5.01	25.54	17.11-33.97
fPSA in ng/ml	0.51	0.34-0.67	2.43	1.51-3.34	>10	
<b>Cancer Markers VAST</b>						
CEA in ng/ml	1.63	0.98-2.28	14.78	9.90-19.66	20.58	13.79-27.37
AFP in ng/ml	13.9	9.31-18.49	96.17	64.43-127.90	205.41	137.62-273.19
PSA in ng/ml	0.76	0.46-1.07	4.9	3.28-6.51	34.31	22.99-45.63
<b>Cardiac Markers</b>						
Dig in ng/ml	0.76	0.51-1.02	2.19	1.46-2.91	3.41	2.28->4
<b>Diabetes</b>						
Insulin in µIU/ml	12.93	8.67-17.20	49.85	33.40-66.30	150.99	101.16-200.82
C-Peptide in ng/ml	1.08	0.73-1.44	3.61	2.42-4.80	5.89	3.95-7.83
Rapid Insulin in µIU/ml	11.23	7.53-14.94	44.49	29.81-59.17	148.14	99.25-197.02
<b>Fertility</b>						
FSH in mIU/ml	7.38	4.94-9.81	22.54	15.10-29.98	46.82	31.37-62.27
PRL in ng/ml	8.53	5.71-11.34	23.15	15.51-30.79	49.30	33.03-65.57
LH in mIU/ml	1.93	1.29-2.57	23.66	15.85-31.47	79.80	53.46-106.13
hCG in mIU/ml	6.92	4.63-9.20	17.65	11.82-23.47	234.78	157.30->250
hCG-XR in mIU/ml	5.09	3.41-6.78	17.44	11.69-23.20	176.15	118.02-234.27
Rapid hCG in mIU/ml	6.25	4.19-8.32	19.08	12.78-25.38	233.88	156.70->250
<b>Fertility VAST</b>						
FSH in mIU/ml	6.25	4.19-8.31	20.92	13.55-28.29	42.11	28.22-56.01
PRL-seq in ng/ml	6.09	4.08-8.10	17.70	11.86-23.54	37.60	25.19-50.0
LH in mIU/ml	<5		20.20	13.53-26.86	56.54	37.88-75.20
hCG in mIU/ml	6.22	4.17-8.27	21.63	14.49-28.76	180.21	120.74-239.67
<b>Growth Deficiency</b>						
hGH in µIU/ml	12.71	8.52-16.91	37.24	24.95-49.53	78.94	52.89-104.99
<b>Bone Metabolism</b>						
Calcitonin in pg/ml	27.64	18.52-36.76	178.33	119.48-237.17	325.60	218.15-433.05
<b>Steroids</b>						
Cortisol in µg/dl	3.8	2.55-5.05	18.37	12.31-24.44	29.94	20.06-39.82
Testosterone in ng/ml	0.97	0.65-1.29	3.16	2.12-4.21	6.6	4.42-8.78
Progesterone in ng/ml	0.83	0.56-1.11	12.97	8.69-17.25	28.35	18.99-37.70
E2 in pg/ml	97.53	64.83-130.22	234.82	157.33-312.31	391.61	262.38-520.84
uE3 in ng/ml	3.28	2.20-4.37	9.8	6.57-13.04	20.81	12.77-28.84
DHEA-S in µg/ml	0.7	0.47-0.93	2.33	1.56-3.10	6.94	4.65->8
DHEA in ng/ml	1.19	0.79-1.58	5.4	3.62-7.18	7.58	5.08-10.09
Free Testosterone in pg/ml	2.59	1.72-3.47	12.74	8.54-16.95	30.93	17.33-44.53
Aldosterone in pg/ml	159.41	100.50-218.33	358.07	239.90-476.23	912.96	611.68-1214.23
ANST in ng/ml	1.11	0.74-1.48	3.17	2.13-4.22	6.66	4.46-8.85
ACTH in pg/ml	17.98	12.05-23.91	85.66	57.39-113.93	157.9	105.79-210.01
17-OHP in ng/ml	0.95	0.64-1.27	3.83	2.56-5.09	8.38	5.61->10
17-OHP-SI in ng/ml	0.52	0.35-0.69	1.99	1.34-2.65	4.41	2.96-5.87
<b>Thyroid</b>						
T3 in ng/ml	0.99	0.66-1.32	2.95	1.98-3.92	4.41	2.95-5.86
T4 in µg/dl	5.65	3.79-7.52	9.93	6.65-13.21	13.48	9.03-17.93
TSH in µIU/ml	0.48	0.32-0.64	6.19	4.15-8.23	37.06	24.83->40
T3-Uptake in %U	30.98	27.60-34.36	39.82	35.05-44.58	45.35	41.41-49.28
ft4 in ng/dl	1.19	0.80-1.58	2.34	1.57-3.11	3.14	2.10-4.17
ft3 in pg/ml	2.75	1.75-3.76	5.29	3.54-7.03	7.47	5.0-9.93
Rapid TSH in µIU/ml	0.49	0.33-0.65	5.53	3.71-7.35	32.85	22.01-43.69
TSH-RC in µIU/ml	0.5	0.33-0.66	6.16	4.13-8.20	37.36	25.03->40
<b>Thyroid VAST</b>						
TSH in µIU/ml	0.49	0.33-0.65	6.24	4.18-8.29	38.69	25.92->40
Strept T4 in µg/dl	6.73	4.51-8.95	11.8	7.91-15.69	16.57	11.10-22.03
Strept T3 in ng/ml	0.92	0.62-1.23	2.18	1.46-2.90	3.08	2.07-4.10
<b>Free Thyroid VAST</b>						
TSH in µIU/ml	0.56	0.38-0.75	6.2	4.15-8.24	37.38	25.04->40
Strept FT3 in pg/ml	2.75	1.84-3.66	5.56	3.72-7.39	8.01	5.37-10.66
Strept FT4 in ng/ml	1.06	0.71-1.41	2.09	1.40-2.78	2.66	1.78-3.54
<b>Triple Screen VAST</b>						
AFP in ng/ml	18.25	12.23-24.28	108.48	72.68-144.28	247.3	165.69-328.91
uE3 in ng/ml	3.61	2.42-4.79	9.44	6.32-12.55	20.59	13.80-27.39
HCG in µIU/ml	6.91	4.63-9.18	17.31	11.60-23.02	238.22	159.61-316.84

PREPARED BY: <u>MSW</u>	DEPT: QC	DOCUMENT HISTORY	VERIFIED BY: <u>Ashatola</u>	DEPT: QA
APPROVED BY: <u>Fred Lopez</u>	DEPT: Administration		EFFECTIVE DATE: 2022-12-30	
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