

VALUE ASSIGNMENT FOR BIO-RAD						
MASTER LOT 4042(1-3) EXP: 2025-03-31						
AccuBind® ELISA	40421		40422		40423	
	Mean	Range	Mean	Range	Mean	Range
Lyphocheck IA Plus						
Allergy						
IgE in IU/ml	358.90	240.46->400	100.73	67.49-133.97	136.34	91.35-181.33
Anemia						
Ferritin in ng/ml	71.05	47.60-94.50	177.48	118.91-236.05	419.79	281.26-558.33
Folate in ng/ml	3.68	2.47- 4.89	7.27	4.87- 9.67	9.62	6.44-12.79
Vitamin B12 in pg/ml	436.44	292.41-580.47	658.58	441.25-875.91	1339.42	897.41-1781.42
Anemia VAST						
Folate in ng/ml	4.46	2.98-5.93	8.21	5.50-10.92	10.17	6.81-13.53
Vitamin B12 in pg/ml	396.22	265.17-526.97	614.37	411.63-817.11	1177.94	789.22-1566.66
Cancer Markers						
CEA in ng/ml	1.87	1.12-2.23	14.21	9.52-18.90	19.77	13.25-26.30
AFP in ng/ml	16.59	11.12-22.06	91.46	61.28-121.64	215.19	144.18-286.21
tPSA in ng/ml	<2		5.27	3.53-7.01	30.35	20.33-40.36
tPSA-XS in ng/ml	0.95	0.61-1.29	4.40	2.95-5.86	>25	
fPSA in ng/ml	0.56	0.37-0.74	3.82	2.56-5.09	>10	
CEA Next Generation in ng/ml	<2		13.31	8.92-17.70	18.58	12.45-24.71
Cancer Markers VAST						
CEA in ng/ml	1.87	1.25-2.48	13.7	9.18-18.22	21.95	14.70-29.19
PSA in ng/ml	0.91	0.61-1.21	5.39	3.61-7.17	35.14	23.54-46.74
AFP in ng/ml	13.39	8.95-17.84	84.6	56.68-112.52	193.47	129.62-257.31
Cardiac Markers						
Dig in ng/ml	0.86	0.58-1.14	2.19	1.47-2.91	4	2.68->4
Diabetes						
Insulin in µIU/ml	10.52	7.05-13.98	45.89	30.74-61.03	162.42	108.82-216.01
C-Peptide in ng/ml	0.99	0.67-1.32	3.50	2.35-4.66	5.69	3.81-7.56
Rapid Insulin in µIU/ml	10.84	7.26-14.41	44.09	29.54-58.64	151.66	101.61-201.70
Fertility						
FSH in mIU/ml	7.40	4.96-9.84	20.97	14.05-27.89	48.29	32.35-64.22
PRL in ng/ml	9.61	6.44-12.78	26.99	18.08-35.90	63.19	42.34->100
LH in mIU/ml	1.57	1.05-2.08	21.88	14.66-29.10	76.07	50.97-101.18
hCG-XR in mIU/ml	6.08	4.07-8.09	19.40	13.0-25.81	208.18	139.48-276.89
hCG in mIU/ml	7.59	5.09-10.09	22.44	15.03-29.84	248.26	166.33->250
Rapid hCG in mIU/ml	6.92	4.64-9.20	25.10	16.81-33.38	241.02	159.80->250
Fertility VAST						
PRL-seq in ng/ml	6.09	4.08-8.10	17.80	11.93-23.68	37.45	25.09-49.80
LH in mIU/ml	<5		18.04	12.09-23.99	55.31	37.06-73.56
FSH in mIU/ml	5.81	3.89-7.73	16.89	11.31-22.46	41.49	27.80-55.19
hCG in mIU/ml	6.68	4.48-8.89	20.46	13.71-27.21	189.76	127.14-252.38
Growth Deficiency						
hGH in µIU/ml	11.96	8.01-15.91	35.88	24.04-47.72	64.84	43.44-86.24
Bone Metabolism						
Calcitonin in pg/ml	24.63	16.50-32.76	165.86	111.13-220.59	300.85	201.57-400.13
Steroids						
Cortisol in µg/dl	3.68	2.46-4.89	17.64	11.82-23.46	29.76	19.94-39.58
Testosterone in ng/ml	0.94	0.63-1.25	3.75	2.51-4.99	8.18	5.48-10.88
Progesterone in ng/ml	0.78	0.52-1.04	11.88	7.96-15.80	28.06	18.80-37.32
E2 in pg/ml	107.71	72.17-143.26	185.54	124.31-246.77	346.54	232.18-460.90
DHEA-S in µg/ml	0.72	0.48-0.96	2.23	1.50-2.97	7.24	4.85->8
uE3 in ng/ml	3.4	2.28-4.53	9.03	6.05-12.01	17.2	11.52-22.87
DHEA in ng/ml	1.08	0.61-1.56	5.14	3.45-6.84	7.11	4.76-9.45
Free Testosterone in pg/ml	2.66	1.78-3.53	11.54	7.66-15.41	27.46	16.24-38.68
Aldosterone in pg/ml	188.93	126.58-251.28	397.27	266.17-528.36	1000.15	670.10-1330.20
ANST in ng/ml	0.88	0.59-1.17	2.92	1.96-3.88	6.98	4.68-9.28
ACTH in pg/ml	16.9	11.32-22.47	117.71	78.87-156.55	242.15	162.24-322.06
17-OHP in ng/ml	0.89	0.56-1.23	4.2	2.82-5.59	10.35	6.93->10
17-OHP-SI in ng/ml	0.5	0.33-0.66	2.01	1.35-2.68	4.59	3.08-6.11
Thyroid						
T3 in ng/ml	1.08	0.73-1.44	2.52	1.69-3.35	4.04	2.71-5.38
T4 in µg/dl	5.34	3.58-7.11	11.23	7.52-14.94	16.30	10.92-21.68
TSH in µIU/ml	0.51	0.34-0.67	5.9	3.95-7.84	37.41	25.06->40
T3-Uptake in %U	29.96	26.46-33.47	37.41	33.94-40.88	46.2	42.72-49.68
ft4 in ng/dl	0.99	0.66-1.32	2.27	1.52-3.02	3.26	2.18-4.33
ft3 in pg/ml	2.82	1.89-3.75	5.47	3.66-7.28	8.83	5.92-11.75
Rapid TSH in µIU/ml	0.48	0.32-0.63	5.96	3.99-7.93	36.4	24.38-48.41
TSH-RC in µIU/ml	0.52	0.35-0.69	5.48	3.67-7.29	37.6	25.19->40
Thyroid VAST						
TSH in µIU/ml	0.46	0.31-0.61	5.97	4-7.94	37.37	25.04->40
Strept T4 in µg/dl	5.3	3.55-7.05	10.2	6.84-13.57	13.75	9.21-18.29
Strept T3 in ng/ml	1.02	0.68-1.35	2.13	1.42-2.83	3.28	2.20-4.37
Free Thyroid VAST						
TSH in µIU/ml	0.46	0.31-0.62	6.74	4.52-8.97	40.89	27.40->40
Strept FT3 in pg/ml	2.74	1.84-3.65	6.02	4.04-8.01	9.48	6.35-12.61
Strept FT4 in ng/ml	0.94	0.63-1.25	2.34	1.57-3.11	3.21	2.15-4.27
Triple Screen VAST						
AFP in ng/ml	17.9	11.99-23.80	101.96	68.31-135.61	238.84	160.02-317.65
uE3 in ng/ml	4.26	2.85-5.66	9.48	6.35-12.61	17.53	11.74-23.31
HCG in µIU/ml	5.78	3.87-7.69	20.31	13.61-27.01	204.18	130.78-277.57

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: 2022-05-12	
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