

VALUE ASSIGNMENT FOR BIO-RAD MASTER LOT 4040(1-3) EXP: 10/30/2023						
AccuBind® ELISA	40401		40402		40403	
	Mean	Range	Mean	Range	Mean	Range
Allergy						
IgE in IU/ml	368.94	247.19->400	96.66	64.76-128.56	114.43	76.67-152.19
Anemia						
Ferritin in ng/ml	60.68	40.66-80.71	135.76	90.96-180.57	330.38	221.36-439.41
Folate in ng/ml	3.67	2.05-5.28	6.14	4.11-8.16	8.65	5.80-11.51
Vitamin B12 in pg/ml	405.97	272.0-539.93	700.34	469.23-931.45	934.99	612.75-1257.22
Anemia VAST						
Folate in ng/ml	3.46	2.32-4.60	6.47	4.33-8.61	9.1	6.10-12.10
Vitamin B12 in pg/ml	411.55	275.74-547.36	715.22	479.19-951.24	966.66	647.66-1285.65
Cancer Markers						
CEA in ng/ml	1.58	0.95-2.20	13.2	8.84-17.56	22.45	15.04-29.86
AFP in ng/ml	17.07	11.44-22.7	98.55	66.03-131.07	229.73	153.92-305.54
tPSA in ng/ml	<2		4.76	3.19-6.33	29.37	19.68-39.06
tPSA-XS in ng/ml	1.07	0.72-1.43	4.59	3.08-6.11	>25	
fPSA in ng/ml	0.5	0.34-0.67	2.58	1.73-3.43	>10	
CEA Next Generation in ng/ml	<2		11.91	7.98-15.84	17.46	11.05-23.87
Cancer Markers VAST						
CEA in ng/ml	1.61	1.08-2.15	15.32	10.26-20.38	22.58	15.13-30.03
PSA in ng/ml	1.08	0.72-1.44	4.5	3.01-5.98	36.44	24.41-48.46
AFP in ng/ml	17.45	11.69-23.21	90.88	60.89-120.87	203.72	136.49-270.94
Cardiac Markers						
Dig in ng/ml	0.84	0.56-1.12	2.26	1.51-3.00	3.61	2.42->4
Diabetes						
Insulin in µU/ml	10.86	7.28-14.44	40.02	26.81-53.23	138.36	92.70-184.02
C-Peptide in ng/ml	0.98	0.65-1.30	3.16	2.12-4.21	5.03	3.37-6.69
Rapid Insulin in µU/ml	10.64	7.13-14.15	39.39	26.39-52.39	132.01	88.45-175.57
Fertility						
FSH in mIU/ml	5.68	3.81-7.56	22.20	14.87-29.52	42.90	28.74-57.06
PRL in ng/ml	9.64	6.46-12.83	25.81	17.29-34.33	57.47	38.50-76.43
LH in mIU/ml	1.96	1.32-2.61	30.08	20.15-40.01	97.43	65.28-129.59
hCG-XR in mIU/ml	6.04	4.05-8.03	17.22	11.54-22.90	124.88	83.67-166.09
hCG in mIU/ml	7.01	4.70-9.32	20.62	13.82-27.43	139.43	93.42-185.44
Rapid hCG in mIU/ml	8.08	5.42-10.75	23.20	15.54-30.85	200.12	134.08->250
Fertility VAST						
PRL-seq in ng/ml	5.74	3.85-7.64	17.28	11.58-22.99	36.66	24.56-48.76
LH in mIU/ml	<5		27.15	18.19-36.11	88.82	59.51-118.13
FSH in mIU/ml	4.90	3.29-6.52	20.16	13.50-26.81	39.30	26.33-52.27
hCG in mIU/ml	6.92	4.64-9.20	20.92	14.02-27.83	126.18	84.54-167.82
Growth Deficiency						
hGH in µU/ml	11.13	7.46-14.80	24.35	16.31-32.38	54.42	36.46-72.38
Steroids						
Cortisol in µg/dl	3.26	2.18-4.33	15.57	10.43-20.70	19.86	13.31-26.42
Testosterone in ng/ml	0.79	0.53-1.05	3.16	2.12-4.20	7.14	4.78-9.50
Progesterone in ng/ml	0.96	0.65-1.28	12.49	8.37-16.61	30.85	20.67-41.03
E2 in pg/ml	97.02	65.0-129.03	206.59	138.41-274.76	347.39	232.75-462.02
DHEA-S in µg/ml	0.72	0.48-0.96	2.31	1.55-3.07	6.08	4.07->8
uE3 in ng/ml	3.38	2.27-4.50	9.72	6.51-12.93	16.88	11.31-22.46
DHEA in ng/ml	1.32	0.86-1.77	5.61	3.76-7.46	6.81	4.56-9.06
Free Testosterone in pg/ml	2.19	1.47-2.91	10.1	6.77-13.44	20.8	13.93-27.66
17-OHP in ng/ml	0.97	0.64-1.30	3.64	2.44-4.85	8.09	5.42->10
17-OHP-SI in ng/ml	0.48	0.32-0.63	1.9	1.27-2.52	4.47	3-5.95
Thyroid						
T3 in ng/ml	0.96	0.64-1.27	2.33	1.56-3.10	3.66	2.45-4.86
T4 in µg/dl	5.11	3.42-6.8	10.62	7.12-14.13	14.42	9.66-19.18
TSH in µIU/ml	0.48	0.32-0.63	6.04	4.05-8.04	40.35	27.07->40
T3-Uptake in %U	29.65	26.16-33.13	36.3	32.65-39.95	44.16	40.37-47.96
FT4 in ng/dl	0.83	0.55-1.10	2.18	1.46-2.90	3.46	2.32-4.60
FT3 in pg/ml	2.46	1.65-3.27	4.8	3.22-6.39	6.99	4.68-9.30
Rapid TSH in µIU/ml	0.5	0.30-0.69	5.68	3.80-7.55	34.97	22.66-47.28
TSH-RC in µIU/ml	0.6	0.40-0.80	6.74	4.52-8.97	43.02	28.82->40
Thyroid VAST						
TSH in µIU/ml	0.46	0.29-0.62	5.69	3.81-7.57	34.7	23.25->40
Strept T4 in µg/dl	5.38	3.61-7.16	9.84	6.59-13.08	12.52	8.39-16.66
Strept T3 in ng/ml	0.85	0.57-1.13	2.05	1.38-2.73	2.94	1.97-3.90
Free Thyroid VAST						
TSH in µIU/ml	0.54	0.36-0.72	5.71	3.82-7.59	33.5	22.45->40
Strept FT3 in pg/ml	2.16	1.45-2.87	5.97	4.0-7.95	8.46	5.67-11.25
Strept FT4 in ng/ml	0.8	0.54-1.07	2.29	1.53-3.05	3.13	2.10-4.16
Triple Screen VAST						
AFP in ng/ml	17.36	11.63-23.09	117.24	78.55-155.92	216.06	144.76-287.36
uE3 in ng/ml	3.47	2.05-4.89	7.84	5.25-10.43	16.34	10.94-21.73
HCG in µIU/ml	6.61	4.43-8.79	19.46	13.04-25.88	134.34	90.01-178.68

DOCUMENT HISTORY			
PREPARED BY: <u>MWP</u>	DEPT: QC	VERIFIED BY: <u>Ashatka</u>	DEPT: QA
APPROVED BY: <u>F. Rodriguez</u>	DEPT: Administration	EFFECTIVE DATE: 11/11/2020	
REVISION: 0		DCO: N/A	