

VALUE ASSIGNMENT FOR BIO-RAD MASTER LOT 4039(1-3) EXP: 12/31/2022						
AccuBind® ELISA	40391		40392		40393	
	Mean	Range	Mean	Range	Mean	Range
Allergy						
IgE in IU/ml	370.26	248.07->400	86.10	57.69-114.51	104.57	70.07-139.08
Anemia						
Ferritin in ng/ml	83.2	55.74-110.65	164.35	110.11-218.58	366.45	245.52-487.37
Folate in ng/ml	2.23	1.35-3.11	5.1	2.82-7.37	7.15	4.79-9.51
Vitamin B12 in pg/ml	409.11	274.10-544.12	648.91	434.77-863.05	826.31	555.63-1099.0
Anemia VAST						
Folate in ng/ml	2.31	1.54-3.07	5.65	3.78-7.51	7.44	4.99-9.90
Vitamin B12 in pg/ml	434.1	290.79-577.23	689.88	462.22-917.54	860.43	576.49-1144.38
Cancer Markers						
CEA in ng/ml	1.78	1.19-2.37	14.62	9.80-19.44	27.69	17.30-38.08
AFP in ng/ml	20.26	13.57-26.94	95.96	64.29-127.62	229.65	164.51-294.78
tPSA in ng/ml	<2		4.91	3.29-6.52	26.88	18.01-35.75
tPSA-XS in ng/ml	1.07	0.72-1.43	4.13	2.76-5.49	25.51	17.09->25
fPSA in ng/ml	0.37	0.25-0.50	2.55	1.71-3.39	>10	
CEA Next Generation in ng/ml	<2		11.43	7.66-15.20	22.31	14.95-29.67
Cancer Markers VAST						
CEA in ng/ml	1.82	1.22-2.42	14.1	9.45-18.76	30.69	20.56-40.82
PSA in ng/ml	1.08	0.72-1.43	4.69	3.14-6.24	32.06	21.48-42.64
AFP in ng/ml	17.91	12.0-23.82	87.97	58.94-117.0	216	144.72-287.28
Cardiac Markers						
Dig in ng/ml	0.85	0.57-1.14	2.32	1.56-3.09	3.80	2.55->4
Diabetes						
Insulin in µU/ml	11.78	7.89-15.66	43.95	29.45-58.46	132.23	88.60-175.87
C-Peptide in ng/ml	0.71	0.48-0.95	3.39	2.27-4.51	5.38	3.61-7.16
Rapid Insulin in µU/ml	11.03	7.39-14.66	42.99	28.81-57.18	137.90	92.39-183.40
Fertility						
FSH in mIU/ml	5.97	4.00-7.94	21.67	14.52-28.82	48.91	32.77-65.05
PRL in ng/ml	9.44	6.32-12.55	26.45	17.72-35.18	59.84	40.09-79.58
LH in mIU/ml	2.03	1.36-2.70	26.20	17.55-34.84	88.05	58.99-117.10
hCG-XR in mIU/ml	5.91	3.96-7.86	18.94	12.69-25.19	153.15	102.61-203.69
hCG in mIU/ml	6.80	4.55-9.04	22.39	15.00-29.78	180.71	121.08-240.35
Rapid hCG in mIU/ml	7.96	5.33-10.59	26.78	17.94-35.62	211.20	141.50-280.89
Fertility VAST						
PRL-seq in ng/ml	5.52	3.70-7.34	18.45	12.36-24.54	36.00	24.12-47.88
LH in mIU/ml	<5		26.69	17.88-35.50	84.37	56.53-112.22
FSH in mIU/ml	6.43	4.31-8.55	21.33	14.29-28.37	46.52	31.17-61.88
hCG in mIU/ml	6.63	4.44-8.82	21.0	14.07-27.93	166.23	111.37-221.08
Growth Deficiency						
hGH in µU/ml	11.31	7.58-15.04	28.11	18.84-37.39	63.02	42.23-83.82
Steroids						
Cortisol in µg/dl	4.45	2.98-5.92	16.62	11.14-22.11	29.31	19.64-38.99
Testosterone in ng/ml	0.93	0.62-1.24	3.45	2.31-4.58	7.96	5.33-10.59
Progesterone in ng/ml	1.43	0.94-1.91	12.48	8.36-16.60	31.03	20.79-41.27
E2 in pg/ml	99.12	66.41-131.83	182.83	122.49-243.16	361.23	242.02-480.43
DHEA-S in µg/ml	0.83	0.56-1.10	1.99	1.33-2.65	6.73	4.51->8
uE3 in ng/ml	3.39	2.27-4.51	10.04	6.72-13.35	14.06	9.42-18.70
DHEA in ng/ml	1.46	0.98-1.95	4.96	3.20-6.72	7.93	5.19-10.67
Free Testosterone in pg/ml (0-37 calibrator range)	2.56	1.71-3.40	11.31	7.58-15.05	30.24	11.57-48.91
17-OHP in ng/ml	1.08	0.73-1.44	3.63	2.43-4.82	10.22	6.85->10
17-OHP-SI in ng/ml	0.49	0.31-0.66	1.73	1.16-2.31	4.25	2.85-5.65
Thyroid						
T3 in ng/ml	1.13	0.73-1.54	2.48	1.66-3.29	3.66	2.45-4.86
T4 in µg/dl	5.52	3.70-7.34	10.79	7.23-14.36	14.14	9.47-18.80
TSH in µIU/ml	0.53	0.35-0.70	5.87	3.94-7.81	39.57	26.51->40
T3-Uptake in %U	29.51	27.00-32.03	35.78	33.33-38.24	41.66	39.24-44.07
FT4 in ng/dl	0.82	0.55-1.09	2.33	1.56-3.10	3.21	2.15-4.27
FT3 in pg/ml	2.65	1.77-3.52	5.36	3.59-7.12	7.64	5.12-10.16
Rapid TSH in µIU/ml	0.61	0.41-0.81	5.29	3.54-7.03	37.87	25.37-50.36
TSH-RC in µIU/ml	0.58	0.39-0.77	4.93	3.30-6.55	37.98	25.45->40
Thyroid VAST						
TSH in µIU/ml	0.46	0.31-0.61	5.6	3.75-7.44	39.27	26.31->40
Strept T4 in µg/dl	5.75	3.85-7.65	10.65	7.13-14.16	13.31	8.92-17.71
Strept T3 in ng/ml	0.92	0.61-1.22	2.21	1.48-2.94	3.39	2.27-4.51
Free Thyroid VAST						
TSH in µIU/ml	0.53	0.35-0.70	6.52	4.07-8.98	43.15	28.91->40
Strept FT3 in pg/ml	2.13	1.43-2.83	5.66	3.79-7.53	8.1	5.43-10.77
Strept FT4 in ng/ml	0.87	0.48-1.26	1.99	1.34-2.65	2.55	1.42-3.68
Triple Screen VAST						
AFP in ng/ml	16.9	11.32-22.48	102.77	68.85-136.68	200.75	134.5-267.00
uE3 in ng/ml	3.18	2.13-4.23	7.75	5.19-10.30	14.75	8.83-20.67
HCG in µIU/ml	5.77	3.87-7.67	19.13	12.81-25.44	164.39	110.14-218.64

DOCUMENT HISTORY			
PREPARED BY: <u>MWP</u>	DEPT: QC	VERIFIED BY: <u>Ashatka</u>	DEPT: QA
APPROVED BY: <u>[Signature]</u>	DEPT: Administration	EFFECTIVE DATE: 01/21/2020	
REVISION: 0		DCO: N/A	