

**VALUE ASSIGNMENT FOR BIO-RAD
 MASTER LOT 4040(1-3) EXP: 10/30/2023**

AccuLite® CLIA	40401		40402		40403	
	Mean	Range	Mean	Range	Mean	Range
Allergy						
IgE in IU/ml	339.35	227.36->400	92.40	61.91-122.89	104.38	69.93-138.82
Anemia						
Ferritin in ng/ml	57.83	38.74-76.91	125.19	83.87-166.50	337.13	225.88-448.39
Folate in ng/ml	3.79	2.54-5.04	6.97	4.67-9.27	8.21	5.50-10.92
Vitamin B12 in pg/ml	361.76	242.38-481.14	652.71	437.31-868.10	938.89	629.06-1248.72
Anemia VAST						
Folate in ng/ml	3.01	2.02-4.01	6.35	4.25-8.44	8.05	5.40-10.71
Vitamin B12 in pg/ml	443.05	296.85-589.26	644.85	432.05-857.65	887.28	594.47-1180.07
Cancer Markers						
CEA in ng/ml	1.49	1.00-1.98	12.54	8.40-16.68	20.38	13.66-27.11
AFP in ng/ml	17.6	11.79-23.41	112.52	75.39-149.65	250.5	167.84-333.17
PSA in ng/ml	<2		4.67	3.13-6.21	27.57	18.47-36.66
PSA -XS in ng/ml	0.98	0.65-1.30	4.43	2.96-5.89	>25	
tPSA in ng/ml	0.38	0.26-0.51	2.62	1.76-3.49	>10	
CEA Next Generation in ng/ml	<2		11.34	7.59-15.08	17.47	11.71-23.24
Cancer Markers VAST						
CEA in ng/ml	1.55	1.04-2.06	14.87	9.96-19.77	19.91	13.34-26.48
AFP in ng/ml	15.98	10.70-21.25	88.15	59.06-117.24	196.58	121.68-271.49
PSA in ng/ml	0.98	0.65-1.30	4.92	3.30-6.55	35.75	23.96-47.55
Cardiac Markers						
Dig in ng/ml	0.80	0.54-1.07	2.15	1.44-2.86	3.59	2.41->4
Diabetes						
Insulin in µU/ml	11.45	7.67-15.23	42.68	28.60-56.77	134.08	89.84-178.33
C-Peptide in ng/ml	0.94	0.63-1.25	3.43	2.29-4.56	5.20	3.49-6.92
Fertility						
FSH in mIU/ml	5.72	3.83-7.61	21.9	14.67-29.12	45.54	30.51-60.57
PRL in ng/ml	8.8	5.90-11.70	26.1	17.49-34.71	58.78	39.38-78.18
LH in mIU/ml	<5		31.18	20.89-41.47	107.15	71.79-142.51
hCG in mIU/ml	6.71	4.50-8.93	19.11	12.81-25.42	140.97	94.45-187.49
hCG-XR in mIU/ml	4.88	3.27-6.49	18.08	11.50-24.65	124.2	83.21-165.19
Fertility VAST						
PRL-seq in ng/ml	5.98	4.0-7.95	16.43	11.01-21.85	33.76	22.62-44.90
FSH in mIU/ml	4.43	2.97-5.89	20.65	13.84-27.46	38.71	25.93-51.48
LH in mIU/ml	<5		27.57	18.47-36.66	97.72	65.47-129.96
hCG in mIU/ml	6.58	4.41-8.75	21.34	14.30-28.39	130.62	87.51-173.72
Growth Deficiency						
hGH in µU/ml	11.45	7.67-15.23	27.73	18.58-36.87	62.08	41.59-82.56
Steroids						
Cortisol in µg/dl	3.35	2.25-4.46	14.78	9.90-19.65	20.96	14.05-27.88
Testosterone in ng/ml	0.78	0.52-1.03	3.02	2.03-4.02	6.36	4.26-8.46
Progesterone in ng/ml	1.01	0.67-1.34	13.30	8.91-17.69	37.75	25.29-50.21
E2 in pg/ml	101.18	67.79-134.56	217.18	145.51-288.84	332.58	222.83-442.32
uE3 in ng/ml	3.6	2.41-4.79	9.87	6.61-13.13	18.57	12.44-24.70
DHEA-S in µg/ml	0.82	0.55-1.09	2.46	1.58-3.34	7.11	4.76->8
DHEA in ng/ml	1.39	0.91-1.87	6.1	4.09-8.12	7.1	4.76-9.45
Free Testosterone in pg/ml (0-37 calibrator range)	2.38	1.60-3.17	11.29	7.56-15.01	26.62	17.84-35.40
17-OHP in ng/ml	0.95	0.63-1.26	3.63	2.43-4.82	9.12	6.11->10
17-OHP - SI in ng/ml	0.45	0.29-0.61	1.77	1.18-2.35	4.33	2.90-5.76
Thyroid						
T3 in ng/ml	1.01	0.68-1.34	2.21	1.48-2.93	3.44	2.31-4.58
T4 in µg/dl	5.08	3.41-6.76	10.35	6.93-13.77	13.1	8.78-17.42
TSH in µIU/ml	0.44	0.3-0.59	6.37	4.27-8.47	41.36	27.71->40
T3-Uptake in %U	30.74	27.30-34.19	37.08	33.62-40.55	43.62	40.40-46.85
ft4 in ng/dl	0.75	0.50-1.00	1.98	1.33-2.64	3.32	2.22-4.41
ft3 in pg/ml	2.39	1.60-3.18	5	3.35-6.65	7.19	4.81-9.56
Rapid TSH µIU/ml	0.47	0.31-0.62	5.41	3.62-7.20	33.48	22.43-44.53
Thyroid VAST						
TSH in µIU/ml	0.33	0.20-0.45	5.49	3.68-7.30	35.57	23.83->40
Strept T3 in ng/ml	0.86	0.57-1.14	1.92	1.29-2.55	2.97	1.99-3.96
Strept T4 in µg/dl	6.08	4.07-8.08	9.76	6.54-12.97	12.59	8.43-16.74
Free Thyroid VAST						
TSH in µIU/ml	0.46	0.31-0.61	6.04	4.05-8.04	30.29	20.30->40
Strept FT3 in pg/ml	2.69	1.75-3.63	5.98	4.0-7.95	8.44	5.65-11.22
Strept FT4 in ng/dl	0.85	0.57-1.13	2.08	1.39-2.76	2.78	1.86-3.70
Triple Screen VAST						
AFP in ng/ml	16.18	10.84-21.52	112.85	75.61-150.09	226.74	151.92-301.56
uE3 in ng/ml	4.5	3.01-5.98	9	6.03-11.97	19.36	12.97-25.75
HCG in µIU/ml	6.83	4.58-9.09	21.37	14.32-28.42	153.9	103.11-204.69

DOCUMENT HISTORY

PREPARED BY: <u>RSW</u>	DEPT: QC	VERIFIED BY: <u>Ashoka</u>	DEPT: QA
APPROVED BY: <u>[Signature]</u>	DEPT: Administration	EFFECTIVE DATE: 11/11/2020	
REVISION: 0		DCO: N/A	