

**VALUE ASSIGNMENT FOR BIO-RAD  
MASTER LOT 4041(1-3) EXP: 9/30/2024**

AccuLite® CLIA Lyphocheck IA Plus	40411		40412		40413	
	Mean	Range	Mean	Range	Mean	Range
<b>Allergy</b>						
IgE in IU/ml	399.47	267.65->400	92.33	61.86-122.8	107.13	71.78-142.48
<b>Anemia</b>						
Ferritin in ng/ml	71.07	47.61-94.52	155.20	103.98-206.42	393.64	263.74-523.55
Folate in ng/ml	4.95	3.32-6.59	11.13	7.45-14.8	14.79	9.91-19.67
Vitamin B12 in pg/ml	483.08	323.66-642.49	736.76	493.63-979.89	968.77	649.08-1288.47
<b>Anemia VAST</b>						
Folate in ng/ml	5	3.35-6.65	13	8.71-17.29	16	10.72-21.28
Vitamin B12 in pg/ml	345.21	231.29-459.13	544.81	365.02-724.59	867.5	581.23-1153.78
<b>Cancer Markers</b>						
CEA in ng/ml	1.64	1.04-2.25	13.87	9.29-18.44	22.29	14.93-29.64
AFP in ng/ml	19.43	13.02-25.85	108.9	72.96-144.84	258.77	173.37-344.16
PSA in ng/ml	<2		5.21	3.49-6.92	31.67	21.22-42.12
PSA-XS in ng/ml	0.79	0.53-1.06	4.22	2.83-5.62	>25	
fPSA in ng/ml	0.48	0.32-0.63	3.59	2.4-4.77	>10	
CEA Next Generation in ng/ml	<2		11.66	7.81-15.51	19.69	13.19-26.18
<b>Cancer Markers VAST</b>						
CEA in ng/ml	1.51	0.84-2.19	13.6	9.11-18.08	22.85	15.31-30.39
AFP in ng/ml	13.37	8.96-17.78	84.75	56.78-112.72	212.94	142.67-283.21
PSA in ng/ml	0.83	0.56-1.11	4.66	3.12-6.2	36.15	24.22-48.08
<b>Cardiac Markers</b>						
Dig in ng/ml	0.91	0.61-1.21	2.32	1.55-3.09	3.59	2.41->4
<b>Diabetes</b>						
Insulin in µIU/ml	12.36	8.28-16.44	43.63	29.23-58.03	148.89	99.76-198.03
C-Peptide in ng/ml	1	0.67-1.34	3.43	2.3-4.57	5.29	3.54-7.04
<b>Fertility</b>						
FSH in mIU/ml	4.62	3.1-6.15	21.92	14.68-29.15	41.72	27.95-55.49
PRL in ng/ml	10.8	7.24-14.36	28.35	18.99-37.71	74.05	49.61-98.49
LH in mIU/ml	<5		30.19	20.23-40.15	98.77	66.17-131.36
hCG in mIU/ml	6.78	4.54-9.01	18.58	12.45-24.71	215.86	144.63->250
hCG-XR in mIU/ml	6.26	4.20-8.33	18.7	12.53-24.87	203.6	136.41-270.79
<b>Fertility VAST</b>						
PRL-seq in ng/ml	5.75	3.8-7.7	21.39	14.33-28.45	45.36	30.39-60.32
FSH in mIU/ml	4.14	2.77-5.51	21.17	14.18-28.16	40.7	27.27-54.13
LH in mIU/ml	<5		30.19	20.23-40.16	98.72	66.14-131.29
hCG in mIU/ml	5.9	3.95-7.84	21.46	14.37-28.54	229.23	153.58-304.87
<b>Growth Deficiency</b>						
hGH in µIU/ml	12.20	8.17-16.23	29.27	19.61-38.92	61.68	41.33-82.04
<b>Bone Metabolism</b>						
Calcitonin in pg/ml	50.71	33.98-67.45	131.81	88.31-175.3	357.67	239.64-475.7
<b>Steroids</b>						
Cortisol in µg/dl	3.04	2.04-4.05	13.46	9.02-17.91	20.56	13.78-27.34
Testosterone in ng/ml	1.04	0.69-1.38	3.94	2.64-5.24	8.95	6-11.91
Progesterone in ng/ml	1.05	0.69-1.41	12.91	8.65-17.17	31.07	20.81-41.32
E2 in pg/ml	99.31	66.53-132.09	185.02	123.96-246.08	355.98	238.51-473.45
uE3 in ng/ml	3.56	2.39-4.74	9.06	6.07-12.05	17.45	11.69-23.21
DHEA-S in µg/ml	0.84	0.56-1.12	2.62	1.75-3.48	7.4	4.96->8
DHEA in ng/ml	1.52	1.02-2.02	5.25	3.52-6.98	7.48	5.01-9.95
Free Testosterone in pg/ml	2.95	1.97-3.92	14.32	9.59-19.05	39.2	26.26-52.13
Aldosterone in pg/ml	164.41	110.15-218.67	290.9	194.9-386.9	1050.05	703.54-1396.57
ANST in ng/ml	0.87	0.58-1.16	2.32	1.56-3.09	5.02	3.36-6.67
17-OHP in ng/ml	0.92	0.62-1.22	3.07	2.06-4.06	8.84	5.93->10
17-OHP - SI in ng/ml	0.47	0.31-0.62	1.87	1.26-2.49	4.38	2.93-5.82
<b>Thyroid</b>						
T3 in ng/ml	1.15	0.77-1.53	2.52	1.69-3.35	3.78	2.53-5.03
T4 in µg/dl	5.5	3.69-7.32	10.13	6.78-13.47	13.74	9.21-18.27
TSH in µIU/ml	0.56	0.37-0.74	5.48	3.67-7.29	35.62	23.86->40
T3-Uptake in %U	30.57	27.28-33.85	37.2	33.91-40.49	44.74	41.52-47.96
ft4 in ng/dl	1.07	0.71-1.42	2.35	1.57-3.13	3.55	2.38-4.71
ft3 in pg/ml	2.65	1.78-3.53	5.25	3.52-6.98	8.22	5.51-10.94
Rapid TSH µIU/ml	0.52	0.35-0.7	5.13	3.33-6.93	34.87	23.36-46.38
<b>Thyroid VAST</b>						
TSH in µIU/ml	0.35	0.23-0.46	5.05	3.38-6.71	37.76	25.30->40
Strept T3 in ng/ml	0.96	0.64-1.28	2.23	1.49-2.96	3.35	2.24-4.45
Strept T4 in µg/dl	6.3	4.22-8.37	12.02	8.05-15.98	15.31	10.26-20.36
<b>Free Thyroid VAST</b>						
TSH in µIU/ml	0.52	0.35-0.7	5.32	3.56-7.07	39.53	26.48->40
Strept FT3 in pg/ml	2.43	1.63-3.23	5.37	3.60-7.14	8.34	5.59-11.09
Strept FT4 in ng/dl	1.03	0.69-1.36	2.21	1.48-2.94	3.3	2.21-4.39
<b>Triple Screen VAST</b>						
AFP in ng/ml	18.13	12.14-24.11	110.45	74-146.9	234.38	157.03-311.72
uE3 in ng/ml	4.21	2.82-5.59	8.17	5.47-10.86	18.27	12.24-24.29
HCG in µIU/ml	7.01	4.69-9.32	20.44	13.69-27.19	223.21	149.55-296.86

DOCUMENT HISTORY

PREPARED BY: MSW DEPT: QC VERIFIED BY: AShah DEPT: QA  
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