

**VALUE ASSIGNMENT FOR BIO-RAD
MASTER LOT 4045(1-3) EXP: 2026/08/31**

| AccuLite® CLIA | 40451 | | 40452 | | 40453 | |
|---|--------|---------------|--------|---------------|--------|----------------|
| | Mean | Range | Mean | Range | Mean | Range |
| Allergy | | | | | | |
| IgE in IU/ml | 328.43 | 220.04->400 | 115.70 | 77.52-153.88 | 102.93 | 68.96-136.89 |
| Anemia | | | | | | |
| Ferritin in ng/ml | 49.85 | 33.40-66.30 | 122.03 | 81.76-162.30 | 326.96 | 219.06-434.85 |
| Folate in ng/ml | 3.08 | 2.06-4.09 | 6.12 | 4.10-8.14 | 7.69 | 5.16-10.23 |
| Vitamin B12 in pg/ml | 383.03 | 256.63-509.42 | 617.44 | 413.68-821.19 | 798.23 | 534.81-1061.65 |
| Anemia VAST | | | | | | |
| Folate in ng/ml | 4.07 | 2.72-5.41 | 6.58 | 4.41-8.75 | 8.73 | 5.85-11.62 |
| Vitamin B12 in pg/ml | 387.50 | 259.63-515.38 | 585.55 | 392.32-778.78 | 808.0 | 541.36-1074.64 |
| Cancer Markers | | | | | | |
| CEA in ng/ml | 2 | 1.34-2.66 | 12.24 | 8.20-16.28 | 21.76 | 14.58-28.94 |
| AFP in ng/ml | 14.48 | 9.70-19.25 | 97.03 | 65.01-129.04 | 222.23 | 135.59-309.06 |
| tPSA in ng/ml | <2 | | 4.14 | 2.77-5.51 | 28.06 | 18.80-37.32 |
| tPSA -XS in ng/ml | 0.82 | 0.55-1.09 | 3.46 | 2.32-4.60 | >25 | |
| fPSA in ng/ml | 0.72 | 0.44-1 | 2.25 | 1.51-3 | >10 | |
| CEA Next Generation in ng/ml | <2 | | 12.19 | 8.17-16.21 | 21.92 | 14.69-29.15 |
| Cancer Markers VAST | | | | | | |
| CEA in ng/ml | 1.6 | 1.07-2.13 | 12.74 | 8.54-16.94 | 21.04 | 14.10-27.98 |
| AFP in ng/ml | 13.21 | 8.85-17.57 | 87.47 | 58.61-116.34 | 213.42 | 142.99-283.85 |
| PSA in ng/ml | 1.07 | 0.67-1.47 | 4.67 | 3.13-6.21 | 36.72 | 24.60-48.83 |
| Cardiac Markers | | | | | | |
| Dig in ng/ml | 0.80 | 0.54-1.06 | 2.29 | 1.54-3.05 | 3.87 | 2.59->4 |
| Diabetes | | | | | | |
| Insulin in µU/ml | 11.18 | 7.49-14.87 | 48.45 | 32.46-64.44 | 140.42 | 94.08-186.75 |
| C-Peptide in ng/ml | 0.77 | 0.52-1.03 | 3.84 | 2.57-5.11 | 5.50 | 3.68-7.31 |
| Fertility | | | | | | |
| FSH in mIU/ml | 10.59 | 7.10-14.08 | 26.5 | 17.75-35.24 | 53.92 | 36.13-71.72 |
| PRL in ng/ml | 7.68 | 5.15-10.22 | 20.87 | 13.98-27.75 | 48.95 | 32.80-65.10 |
| LH in mIU/ml | <5 | | 19.75 | 13.23-26.27 | 69.6 | 46.63-92.57 |
| hCG in mIU/ml | 4.64 | 3.11-6.17 | 18.73 | 12.55-24.91 | 221.32 | 148.28->250 |
| hCG-XR in mIU/ml | 3.6 | 2.41-4.79 | 24.1 | 16.15-32.05 | 194.34 | 130.21-258.47 |
| Fertility VAST | | | | | | |
| PRL-seq in ng/ml | 6.93 | 4.65-9.22 | 19.6 | 13.13-26.07 | 41.37 | 27.72-55.02 |
| FSH in mIU/ml | 8.08 | 5.41-10.75 | 24.19 | 16.20-31.17 | 56.61 | 37.93-75.28 |
| LH in mIU/ml | <5 | | 20.8 | 13.94-27.66 | 57.63 | 38.61-76.64 |
| hCG in mIU/ml | 5.64 | 3.78-7.50 | 18.71 | 12.53-24.88 | 205.92 | 137.97-273.87 |
| Growth Deficiency | | | | | | |
| hGH in µU/ml | 14.10 | 9.45-18.75 | 33.90 | 22.71-45.09 | 70.30 | 47.10-93.50 |
| Steroids | | | | | | |
| Cortisol in µg/dl | 3.63 | 2.43-4.83 | 17.31 | 11.60-23.02 | 27.46 | 18.39-36.52 |
| Testosterone in ng/ml | 0.75 | 0.50-1 | 4.26 | 2.64-5.88 | 7.57 | 4.70-10.44 |
| Progesterone in ng/ml | 1.28 | 0.81-1.75 | 13.53 | 9.06-17.99 | 32.19 | 21.57-42.82 |
| E2 in pg/ml | 123.03 | 82.43-163.63 | 207.7 | 139.16-276.23 | 336.91 | 225.73-448.09 |
| uE3 in ng/ml | 3.28 | 2.20-4.36 | 10.59 | 7.10-14.08 | 18.3 | 12.26-24.33 |
| DHEA-S in µg/ml | 0.72 | 0.48-0.96 | 2.51 | 1.68-3.34 | 7.11 | 4.76->8 |
| DHEA in ng/ml | 3.71 | 2.48-4.93 | 7.72 | 5.17-10.26 | 9.2 | 6.16-12.23 |
| Free Testosterone in pg/ml (0-37 calibrator range) | 2.59 | 1.73-3.44 | 13.23 | 8.86-17.59 | 27.55 | 18.46-36.64 |
| Aldosterone in pg/ml | 173.3 | 116.11-230.49 | 371.83 | 249.13-494.54 | 855.6 | 573.25-1137.95 |
| ANST in ng/ml | 0.92 | 0.62-1.22 | 2.08 | 1.39-2.76 | 4.91 | 3.29-6.53 |
| 17-OHP in ng/ml | 0.86 | 0.58-1.15 | 3.99 | 2.67-5.30 | 8.89 | 5.96->10 |
| 17-OHP - SI in ng/ml | 0.4 | 0.27-0.53 | 1.83 | 1.23-2.44 | 4.23 | 2.84-5.63 |
| Thyroid | | | | | | |
| T3 in ng/ml | 1.14 | 0.77-1.52 | 2.52 | 1.69-3.35 | 4.1 | 2.75-5.45 |
| T4 in µg/dl | 5.3 | 3.55-7.05 | 9.64 | 6.46-12.82 | 12.96 | 8.68-17.24 |
| TSH in µIU/ml | 0.4 | 0.26-0.53 | 4.65 | 3.11-6.18 | 31.12 | 20.85->40 |
| T3-Uptake in %U | 30.65 | 28.32-32.97 | 36.5 | 33.93-39.06 | 44.64 | 42.14-47.13 |
| ft4 in ng/dl | 0.75 | 0.51-1 | 1.87 | 1.26-2.49 | 2.68 | 1.80-3.56 |
| ft3 in pg/ml | 2.47 | 1.65-3.29 | 4.9 | 3.28-6.51 | 7.13 | 4.78-9.48 |
| Rapid TSH µIU/ml | 0.36 | 0.24-0.48 | 4.29 | 2.87-5.70 | 28.29 | 18.96-37.63 |
| Thyroid VAST | | | | | | |
| TSH in µIU/ml | 0.49 | 0.33-0.65 | 5.02 | 3.37-6.68 | 31.65 | 21.21 - >40 |
| Strept T3 in ng/ml | 1.13 | 0.76-1.50 | 2.37 | 1.59-3.15 | 3.47 | 2.33-4.62 |
| Strept T4 in µg/dl | 5.4 | 3.62-7.18 | 10.69 | 7.16-14.22 | 13.65 | 9.15-18.15 |
| Free Thyroid VAST | | | | | | |
| TSH in µIU/ml | 0.32 | 0.21-0.42 | 5.27 | 3.53 - 7 | 33.8 | 22.65 - >40 |
| Strept FT3 in pg/ml | 3.63 | 2.43-4.83 | 5.87 | 3.94-7.81 | 8.29 | 5.55-11.02 |
| Strept FT4 in ng/dl | 0.77 | 0.51-1.02 | 1.76 | 1.18-2.34 | 2.38 | 1.59-3.17 |
| Tripple Screen VAST | | | | | | |
| AFP in ng/ml | 16.53 | 11.08-21.99 | 94.43 | 63.27-125.60 | 215.23 | 144.21-286.26 |
| uE3 in ng/ml | 4.72 | 3.16-6.28 | 9.54 | 6.39-12.68 | 21.22 | 14.22 - >20 |
| HCG in µIU/ml | 4.4 | 2.95-5.85 | 19.62 | 13.14-26.09 | 208.8 | 139.90-277.70 |

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| PREPARED BY: <i>MSW</i> | DEPT: QC | DOCUMENT HISTORY | VERIFIED BY: <i>Ashtika</i> | DEPT: QA |
| APPROVED BY: <i>[Signature]</i> | DEPT: Administration | | EFFECTIVE DATE: 2023-08-08 | |
| REVISION: 0 | | | DCO: N/A | |