Please Note: These values are subject to change. Please refer to patient report for current reference values.

Chemistry

All values are for Plasma unless otherwise noted

Albumin ........................................ 3.5-5.2 g/dL. Range Effective: 1/23/18

Microalbumin Urine 24 hours: Range effective: 10/21/22

<30mg/24H

24H Urine Calculation:

24H Urine MicroAlb (mg/24H) = MicroAlb(mg/dL)*(Volume of 24 hrs/100)

Alpha-Fetoprotein Tumor Marker.............................................<8.8 ng/ml. Range Effective: 1/23/18

Alcohol (Ethanol).............................................<10 mg/dL

Ammonia .............................................18-72 mmol/L. Range Effective: 1/23/18

Amylase .............................................25-125 U/L. Range Effective: 1/23/18

Urine 24 hours: Range effective: 10/21/22

24-408 U/24H

24H Urine Calculation:

24H Urine Amy (U/24H) = (Amy (U/L))*(Volume of 24 hrs/1000)

ALT .............................................(Female) 0-37 U/L. (Male) 0-50 U/L Range Effective: 7/16/19

AST ............................................. 5-34 U/L. Range Effective: 1/23/18

ALP Alkaline Phosphatase (Female) 0 135-537 U/L (Male) 135-537 U/L

11Y 50-415 U/L

15Y 47-175 U/L

18Y 40-150 U/L

10/9/23
CLINICAL LABORATORY REFERENCE VALUES

BHOB Beta-Hydroxybuteric Acid .... <0.3 mmol/L **Test Effective: 1/23/18**

Bilirubin, Direct ..............................................<0.6 mg/dL **Normal ref ranges revised 3/31/23**

Bilirubin, Total ..............................................0.2-1.2 mg/dL **Range Effective: 1/23/18**

BNP .................................................................. <100 pg/mL **Range Effective: 1/23/18**

BUN Urea Nitrogen................................. (Female) 7-20 mg/dl (Male) 8-26 mg/dl **Range Effective: 1/23/18**

Urine 24hours: **Range effective: 10/21/22**

12.0-20.0 g/24H

24H Urine Calculation:

\[
24H \text{ Urine Ca (g/24H)} = \left( \frac{\text{UUN (mg/dL)}}{1000} \right) \times \left( \frac{\text{Volume of 24 hrs}}{100} \right)
\]

C3T Complement C3............. (Female) 0-14Y: 82-173 mg/dL (Male) 82-185 mg/dL **Range Effective: 1/23/18**

>14Y: 82-193 mg/dL

C4T Complementary C4........ (Female) 0-14: 13-46 mg/dL (Male) 14-44 mg/dL **Range Effective: 1/23/18**

>14Y: 15-57 mg/dL

Calcium ............................................(Female/male) 0: 9.2-11.2 mg/dl

1Y: 8.8-10.4 mg/dl

18Y: 8.4-10.4 mg/dl **Normal ref ranges revised 2/19/19**

Urine 24hours: **Range effective: 10/21/22**

100-300 mg/24H

24H Urine Calculation:

\[
24H \text{ Urine Ca (mg/24H)} = \left( \frac{\text{Ca (mg/dL)}}{24} \right) \times \left( \frac{\text{Volume of 24 hrs}}{100} \right)
\]

HSCRP ..........................................................<0.0-3.0 mg/dL **Range effective: 1/23/18**

CRP ..........................................................<5.1 mg/dl **Normal ref ranges revised 3/31/23**

Chloride ......................................................98-107 mmol/L **Range Effective: 1/23/18**

Urine 24hours: **Range effective: 10/21/22**

110-250 mmol/24H

24H Urine Calculation:

\[
24H \text{ Urine Cl (mmol/24H)} = \left( \frac{\text{Cl (mmol/L)}}{24} \right) \times \left( \frac{\text{Volume of 24 hrs}}{100} \right)
\]

Cholesterol ..........................................(Female/male) 0: <170 mg/dL **Range effective: 1/23/18**
CLINICAL LABORATORY REFERENCE VALUES

20Y: <200 mg/dL

Cortisol .......................................................... Before 10:00 am: 3.7-19.4 ug/dL. Range effective: 1/23/18
After 5:00 pm: 2.9-17.3 ug/dL

CO₂ content .............................................. (Female/Male) 0: 22-29 mmol/L. Range effective: 1/23/18

2M: 22-29 mmol/L.
18Y: 22-29 mmol/L.

CK MB .......................................................... < 6.6 ng/ml. Range effective: 1/23/18

CK Creatine Kinase ............................... 29-168 U/L. Range effective: 1/23/18

Creatinine .................................................. Pediatric patients: Range effective: 9/27/22

0-28 days: 0.3-1.0 mg/dL
28-364 days: 0.2-0.4 mg/dL
1-10 years: 0.3-0.7 mg/dL
11-18 years: 0.5-1.0 mg/dL
>18 years:

Female: 0.6 to 1.1 mg/dL
Male: 0.7 to 1.3 mg/dL

Urine 24 hours: Range effective: 10/21/22

Female: 0.71 to 1.65 g/24H
Male: 0.95 to 2.49 g/24H

24H Urine Calculation:

\[
24H \text{ Urine Creatinine (g/24H)} = \frac{\text{Crea Urine Concentration (mg/dL)}/1000 \times \text{volume (mL) of 24 hrs} \times 100}{24H}
\]

Urine Clearance:

Female: 66-163 ml/min/1.73m2 BSA
Male: 66-165 ml/min/1.73m2 BSA

Creatinine Clearance Calculation:

\[
\text{Creatinine clearance (ml/min/1.73m2 BSA)} = \frac{\text{urine creatinine (mg/dL)} \times \text{urine volume (ml)} - \text{Serum creatinine (mg/dL)} \times \text{collection time (min)}}{\text{collection time (min)}}
\]

EGFR (CKD-EPI 2021): >59.9 ml/min/1.73m2 Range effective: 1/24/22

Estradiol .................................................... (Female): Follicular: 21-251 pg/mL Range effective: 1/23/18
CLINICAL LABORATORY REFERENCE VALUES

Midcycle: 38-649 pg/mL
Luteal: 21-312 pg/mL
Post Menopausal (Without HRT): <28 pg/mL
Post Menopausal (With HRT): <144 pg/mL

(Male): 11 to 44 pg/mL

These reference ranges are to be used only as guidelines in clinical management.

FSH Follicle-Stimulating Hormone (Female): Follicular: 3.0 - 8.0 mIU/mL Range effective: 1/23/18
Midcycle: 3.0 - 17.0 mIU/mL
Luteal: 1.4 - 5.5 mIU/mL
Post-Menopausal: 27.0 - 133.0 mIU/mL

(Male): 1.0 - 12.0 mIU/mL

These reference ranges are to be used only as guidelines in clinical management.

Ferritin................................. (Female): 12-204 ng/mL (Male): 22-248 ng/mL Reference range revised 8/9/21

Folate........................................ 6.0-40.0 ng/mL: Range effective: 10/27/2016

GGT Gamma Glutamyl Transpeptidase (Female) 12-43 U/L (Male) 1-64 U/L Range effective: 1/23/18

Glucose ................................. Pediatric (0 – 59D) 70-100 mg/dL Range effective: 1/23/18
Child (60D – 18Y) 70-100 mg/dL
Adult (>18Y) 70-100 mg/dL

Urine 24H: Range effective: 10/21/22
<0.5 g/24 H

24H Urine Calculation:

\[
24H \text{ Urine Glucose (g/24H)} = (\text{glu (mg/dL})/1000^* (\text{volume of 24 hrs}/100)
\]

Haptoglobin................................. 30-200 mg/dL Range effective: 1/23/18

Hemoglobin A1C ............................... <5.7% Range effective: 5/15/19

HCG, Beta, Total (quantitative)............Healthy non-pregnant individuals <5.0 mIU/mL Range effective: 1/23/18

HCG Serum/Urine Pregnancy............... Healthy non-pregnant individuals Negative

HDL.............................................. >39 mg/dL Range effective: 1/23/18

Hepatitis Panel.................................. Non- Reactive/ Negative

Hepatitis B Surface Antibody (Quantitative) <8 mIU/mL
CLINICAL LABORATORY REFERENCE VALUES

Grayzone: 8.0-11.9 mIU/mL
Reactive: >11.9 mIU/mL

HIV Ag/Ab Combo.............................. Non-Reactive/Negative
HIV ½ Genius Confirmatory ............... Non-Reactive/Negative
Homocysteine..................................<16 µmol/L Range effective: 1/23/18

<table>
<thead>
<tr>
<th></th>
<th>(Female)</th>
<th>(Male)</th>
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<tbody>
<tr>
<td>IgA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-10 mg/dL</td>
<td>0-0.1 mg/dL</td>
<td>0-11 mg/dL</td>
</tr>
<tr>
<td>1M 0-42 mg/dL</td>
<td>0-0.4 mg/dL</td>
<td>0-40 mg/dL</td>
</tr>
<tr>
<td>6M 6-68 mg/dL</td>
<td>1-82 mg/dL</td>
<td>1-82 mg/dL</td>
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<tr>
<td>1Y 15-111 mg/dL</td>
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<td>4Y 33-166 mg/dL</td>
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<tr>
<td>16Y 69-262 mg/dL</td>
<td>68-259 mg/dL</td>
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<tr>
<td>18Y 68-408 mg/dL</td>
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<table>
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<td>6M 325-647 mg/dL</td>
<td>130-823 mg/dL</td>
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<tr>
<td>1Y 451-1202 mg/dL</td>
<td>413-1112 mg/dL</td>
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<td>4Y 560-1319 mg/dL</td>
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<tr>
<td>13Y 749-1640 mg/dL</td>
<td>590-1600 mg/dL</td>
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</tr>
<tr>
<td>16Y 804-1817 mg/dL</td>
<td>522-1703 mg/dL</td>
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<tr>
<td>18Y 768-1632 mg/dL</td>
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<table>
<thead>
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<th>(Male)</th>
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<tbody>
<tr>
<td>IgM</td>
<td></td>
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<tr>
<td>0-1-57 mg/dL</td>
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<td>1M 0-127 mg/dL</td>
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<td>6M 0-130 mg/dL</td>
<td>15-117 mg/dL</td>
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<tr>
<td>1Y 35-184 mg/dL</td>
<td>30-146 mg/dL</td>
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</tr>
<tr>
<td>4Y 42-184 mg/dL</td>
<td>31-151 mg/dL</td>
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<td>7Y 30-165 mg/dL</td>
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<tr>
<td>16Y 45-224 mg/dL</td>
<td>28-179 mg/dL</td>
<td>28-179 mg/dL</td>
</tr>
<tr>
<td>18Y 35-263 mg/dL</td>
<td>35-263 mg/dL</td>
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</tr>
</tbody>
</table>

Insulin ........................................3-20 µU/mL

Iron .............................................. (Female) 50-170 µg/dL  (Male) 65-175 µg/dL Range effective: 1/23/18

Iron Binding Capacity Total, Calculated 261-497 µg/dL Range effective: 1/23/19

Kappa Free Light Chain.......................0.33-1.94 mg/dL

Lambda Free Light Chain.......................0.57-2.63 mg/dL

Lactic Acid ....................................0.5-2.2 mmol/L Range effective: 1/23/18
CLINICAL LABORATORY REFERENCE VALUES

LDH Lactic Dehydrogenase............... 125-220 U/L - Range effective: 1/23/18

LDL, Calculated.................................................. <100 mg/dL Range effective: 1/23/18

LDL, Direct...................................................... <100 mg/dL Range effective: 1/23/18

Lipase ......................................................... 8-78 U/L Range effective: 1/23/18

LH Luteinizing Hormone............... (Female): Follicular: 1.8-12.0 mIU/mL Range effective: 1/23/18

                      Midcycle: 8.0-89.0 mIU/mL
                      Luteal: 0.6-14.0 mIU/mL
                      Post-Menopausal without HRT: 5.0-62.0 mIU/mL
                      (Male): 0.6-12.0 mIU/mL

These reference ranges are to be used only as guidelines in clinical management.

Magnesium .......................... (Female/Male) 1.6-2.6 mg/dl Range effective: 1/23/18

Urine 24H: Range effective: 10/21/22

72.9-121.0 mg/ 24H

24H Urine Calculation:

24H Urine Mg (mg/24H) = Mg (mg/dL)* (volume of 24 hrs/100)

Phosphorus, inorganic .......... (Female) 0 4.8-7.8 mg/dl. (Male) 0 4.8-7.8 mg/dl Range effective: 1/23/18

1Y 4.4-6.8 mg/dL
6Y 3.8-6.1 mg/dL
11Y 3.0-5.8 mg/dL
15Y 3.3-5.0 mg/dL
18Y 2.3-4.7 mg/dL

Urine 24H: Range effective: 10/21/22

0.4-1.3 g/ 24H

24H Urine Calculation:

24H Urine Phos (g/24H) = (Phos (mg/dL))/1000* (volume of 24 hrs /100)

Potassium ........................................... (Female/Male) 3.5-5.1 mmol/L Reference range revised 8/7/21

Urine 24H: Range effective: 10/21/22

25-125 mmol/ 24H

24H Urine Calculation:

24H Urine K (mmol/24H) = K (mmol/L)*(volume of 24 hrs/1000)
CLINICAL LABORATORY REFERENCE VALUES

Prealbumin............................. 15-45 mg/dL  **Range effective: 1/23/18**

Progesterone .......................... Normal Menstruating Females Follicular: <0.3 ng/mL  **Range effective: 1/23/18**
  Luteal: 1.2 - 15.9 ng/mL
  Post Menopausal <0.2 ng/mL
  Pregnant Females: First Trimester 2.8-147.3 ng/mL
  Second Trimester 22.5-95.3 ng/mL
  Third Trimester 27.9-242.5 ng/mL
  (Males) <4.0 ng/mL

Prolactin........................................ (Female) 4.0-26.0 ng/mL  (Male) 3.5-19.0 ng/mL  **Range effective: 1/23/18**

PSA Prostatic specific antigen total <4.0 ng/mL  **Range effective: 1/23/18**

PSA, Free ........................................ When Total PSA is in the range of 4-10 ng/mL, a Free PSA/Total PSA ratio of 10% or less indicates 44-56% risk of prostate cancer (depending on disease prevalence); a Free PSA/Total PSA ratio of greater than 26% indicates a 10-16% risk of prostate cancer (depending on disease prevalence). Testing Method: Abbott Architect Total and Free PSA are chemiluminescent microparticle immunoassays (CMIA) run on the Abbott Architect analyzer. Values obtained with different assay methods or kits may be different and cannot be used interchangeably. Test results cannot be interpreted as absolute evidence for the presence or absence of malignant disease.  **Range effective: 1/23/18**

Protein, total .................................... 6.7-8.6 g/dL  **Range effective: 7/2/19**

Urine 24H:  **Range effective: 10/21/22**
  <300 mg/24H

  24H Urine Calculation:

  24H Urine TP (mg/24H) = TP(mg/dL)*(Volume of 24 hrs/100)

  PTH, Intact............................... 24-86 pg/mL  **Range effective: 1/23/18**

  RF Rheumatoid Factor ..................... <30 IU/mL  **Range effective: 1/23/18**

  Sodium..................................... 136-145 mmol/L  **Range effective: 1/23/18**

Urine 24H:  **Range effective: 10/21/22**

  40-220 mmol/ 24H

  24H Urine Calculation:

  24H Urine Na (mmol/24H) = Na (mmol/L) *(volume of 24 hrs/1000)

  TGAB Thyroglobulin Antibody .............. <4.1 IU/mL  **Range updated 12/15/22**

  TPO Thyroid Peroxidase Antibody......... <5.6 IU/mL  **Range updated 12/15/22**

  TSH3 Thyroid Stimulating Hormone........ (Female/Male) 0 1.0-20 mIU/L  **Range effective: 8/30/18**
    4D 0.4-6.5 mIU/L
    1M 0.4-6.0 mIU/L
    6M 0.4-4.5 mIU/L
**CLINICAL LABORATORY REFERENCE VALUES**

18Y 0.4-4.1 mIU/L

Thyroxine (T4) ........................................ 4.9-11.7 μg/dL **Range effective: 1/23/18**

Thyroxine (T4) Free ................................... 0.70-1.50 ng/dL **Range effective: 5/20/2019**

Transferrin ............................................. 174-382 mg/dL **Range effective: 1/23/18**

Triglyceride ............................................ <150 mg/dl **Reference range revised 3/31/23**

Triiodothyronine (T3) .................................. 0.58-1.6 ng/ml **Range Effective: 1/23/18**

Triiodothyronine (T3), Free ......................... 1.71-3.71 pg/ml **New Test and New Range 1/23/18**

Hs Troponin-I ........................................ (Female) <18ng/L (Male) <36ng/L **New updated test effective: 4/5/22**

Uric Acid ................................................ (Female) 2.5-7.5 mg/dl  (Male) 3.5-8.5 mg/dl

**Urine 24H: Range effective: 10/21/22**

0.25-0.75 g/24H

24H Urine Calculation:

\[
24H \text{ Urine UA (g/24H)} = \frac{(UA \text{ (mg/dL)})}{1000} \times (\text{volume of 24 hrs}/100)
\]

Vitamin B12 ............................................. 213-816 pg/mL

Vitamin D ............................................... 0-18Y >19 mg/dl,

>18Y 30-80 mg/dl

**SPINAL FLUID**

Glucose CSF ............................................. 40-70 mg/dL

Total Protein CSF .................................... 0 20-80 mg/dL

1M 15-40 mg/dL

**FECES**

Occult Blood ........................................... Negative (Only outpatients)

**GASTRIC FLUID**

Gastric .................................................. Negative

**Therapeutic Drug Monitoring**

Acetaminophen ....................................... <30 ug/mL **Range effective 7/23/20**

Amikacin ................................................

**Target Levels (ug/mL) are based on clinical indications and dosing regimen**

<table>
<thead>
<tr>
<th>One Daily Dosing:</th>
<th>Trough</th>
<th>Peak</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conventional Dosing:</td>
<td>&lt;1.5</td>
<td></td>
</tr>
<tr>
<td>Urine track infection</td>
<td>3-5</td>
<td>15</td>
</tr>
<tr>
<td>Gram Neg Sepsis, serious infections</td>
<td>4-8</td>
<td>20-25</td>
</tr>
</tbody>
</table>
Carbamazepine .................. 4-12 µg/mL Range effective: 1/23/18
Cyclosporine ..................<451 ng/mL Reference range revised 3/31/23
Digoxin (ng/ml) ..............<1.1 ng/mL Reference range revised 3/31/23
Phenytoin (Dilantin) ........... 10-20 µg/mL
Lithium ......................... 0.6-1.2 mmol/L

Methotrexate .................. Methotrexate Reference Value: Nontoxic drug concentration after 72 hours: <0.1 mcg/mL. Methotrexate serum levels depend on indication for use, dosage, mode of administration, treatment regimen, individual pharmacokinetics, metabolism and other clinical factors. Potential toxicity after single bolus, high dose therapy may occur when the serum concentration (mcg/mL) exceeds 10 at 24 hrs, 1.0 at 48 hrs or 0.1 at 72 hrs. Note that glucarpidase may interfere with this assay. This test was performed using the ARK Diagnostics Methotrexate homogenous enzyme immunoassay performed on the Abbott Architect analyzer.

Phenobarbital ................... 15-40 µg/mL
Salicylate ......................<20.0 mg/dL Range effective: 1/23/18
Sirolimus ......................<14.1 ng/mL Reference range revised 3/31/23
Tacrolimus ....................<19.1 ng/mL Reference range revised 3/31/23
Theophylline .................... 8-15 µg/mL Range effective: 1/23/18
Valproic Acid ................... 50-100 µg/mL Range effective: 1/23/18

Vancomycin, Nalidixic Acid Male/Female

<table>
<thead>
<tr>
<th></th>
<th>Trough</th>
<th>Normal Reference Range (µg /mL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male/Female</td>
<td>10 - 20 µg/mL</td>
<td>None established</td>
</tr>
<tr>
<td>Trough</td>
<td></td>
<td>25-40 µg/mL</td>
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<tr>
<td>Random</td>
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<tr>
<td>1h post infusion</td>
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Gentamicin & Tobramycin

Target Levels (in ug/mL) are based on clinical indications and dosing regimen

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<th></th>
<th>Trough</th>
<th>Peak</th>
</tr>
</thead>
<tbody>
<tr>
<td>Once Daily Dosing:</td>
<td>0 ug/mL</td>
<td>18 ug/mL</td>
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<tr>
<td>Endocarditis</td>
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<td>3-5 ug/mL</td>
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<tr>
<td>Urinary tract infection</td>
<td>1 ug/mL</td>
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<tr>
<td>Bacteremia</td>
<td>1 ug/mL</td>
<td>5-8 ug/mL</td>
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<tr>
<td>Pneumonia</td>
<td>1 ug/mL</td>
<td>10-12 ug/mL</td>
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</table>

CHLORIDE SWEAT TEST
Normal .................. 10-29 mmol/L Range effective 08/17
Intermediate ............. 30-59 mmol/L
Positive ................ >60 mmol/L

*Note: 10 mmol/L is the limit of detection for sweat chloride with the Chloridometer
OSMOLALITY
Serum................................. 281-308 mOsmol/kg H₂O
Urine.................................... 197-977 mOsmol/kg H₂O

POCT Reference range revised 4/8/20
PRUP2..................................<180 PRU is suggestive of decreased platelet reactivity due to the effect of a P2Y12 inhibitor.
   The normal range for a patient NOT undergoing antiplatelet therapy is 194-418 PRU.
Aspirin...............................≥550 ARU-Platelet dysfunction consistent with aspirin has not been detected.
   <550 ARU-Platelet dysfunction consistent with aspirin has been detected.

TOXICOLOGY
Amphetamines/ Methamphetamine........ Cut-off 1000ng/mL
Barbiturates.............................. Cut-off 200ng/mL
Benzodiazepines......................... Cut-off 200ng/mL
Cocaine.................................. Cut-off 300ng/mL
Methadone.............................. Cut-off 300ng/mL
Opiates.................................. Cut-off 300ng/mL
Phencyclidine/PCP....................... Cut-off 25ng/mL
Tricyclic Antidepressant/TCA............ Cut-off 300ng/mL
THC..................................... Cut-off 500ng/mL

SARS-COVID
SARS-COV-2 IgG Nucleocapsid.............. Result Index (S/C) < 1.4 Negative Range Effective 5/12/20
   Result Index (S/C) ≥ 1.4 Positive
SARS-COV-2 IgG Spike...................... <50.0 AU/mL Negative Range Effective 11/1/21
   ≥50.0 AU/mL Positive
SARS-COV-2 IgM Spike Protein.............. Result Index (S/C) < 1.0 Negative Range Effective 5/5/21
   Result Index (S/C) ≥ 1.0 Positive

HEMATOLOGY
For tests not listed here, please consult the Hematology Laboratory Ext: 35467

CBC
WBC* .................................... (Female) 4.0-10.0 x10⁹/µL  (Male) 4.2-9.1 x10⁹/µL
NRBC.................................... 0-0.2 /100 WBC
NRBC Absolute..........................0.0 – 0.01 10⁹/µL
RBC* .................................... (Female) 3.90-5.20 x10⁹/µL  (Male) 4.60-6.00 x10⁹/µL
HGB*........................................ (Female) 11.2-15.7 g/dL  (Male) 13.7-17.5 g/dL
HCT*........................................ (Female) 34-45%  (Male) 40-51%
MCV*..................................... 79-99 FL
MCH*..................................... 26-32 pg
MCHC.................................... 32.0-36.0 g/dL
RDW-CV.................................. 11.6-14.4%
CLINICAL LABORATORY REFERENCE VALUES

RDW-SD ........................................ (Female) 36.4-46.3 FL (Male) 35.1-43.9 FL

PLT ........................................ 150-400 10^3/µL

MPV ........................................ 9.4-12.3 FL

IPF ........................................ 1.2-8.6% 3.6-20.0 10^3/µL

DIFFERENTIAL

Neutrophils* ................................ (Female) 34-71 % (Male) 34-60%

Lymphocytes* ................................ (Female) 19-52% (Male) 22-53%

Monocytes* .................................. (Female) 5-13% (Male) 5-12%

Eosinophils* ................................. (Female) 1-6.0% (Male) 1-7%

Basophils* ................................... 0-1%

Bands .......................................................... 0-4% Granulocytes, Immature %.....0 %

(Note) Immature Gran% = Metamyelocytes, Myelocytes and Promyelocytes

Neutrophils Absolute .................. (Female) 1.6 - 6.1 10^9/µL (Male) 1.8-5.4 10^9/µL

Lymphocytes Absolute ............... (Female) 1.2 - 3.7 10^9/µL (Male) 1.3-3.6 10^9/µL

Monocytes Absolute ................. (Female) 0.2 - 0.4 10^9/µL (Male) 0.3-0.8 10^9/µL

Eosinophils Absolute ............... (Female) 0.0 - 0.4 10^9/µL (Male) 0.0-0.5 10^9/µL

Basophils Absolute ................. 0 - 0.1 10^9/µL

Granulocytes Immature Absolute .................. 0 10^9/µL

Neutrophil Absolute Calculated ....... (Female) 1.6-6.1 10^9/µL (Male) 1.8-5.410^9/µL

Lymphocyte Absolute Calculated ......(Female) 1.2-3.7 10^9/µL (Male)1.3-3.610^9/µL

ReticCount* .................................. 0.5-1.7% (Adult)

*Age dependent tests for: <18 years old

ESR ........................................ (Female) 0-20 mm/hr (Male) 0-10 mm/hr

COAGULATION

PT .................. 10.4-13.2 sec

INR .................. 0.9-1.1

PTT .................. 27.0-38.0 sec

Fibrinogen .................. 150-450 mg/dL
D-Dimer..............................................<230 ng/mL

Thrombin Time...............................17.7-25.6 sec

Anti-Xa Level (heparin activity)

Unfractionated Heparin (UFH)
  Therapeutic Level ............... 0.30-0.70 IU/mL

Low Molecular Weight Heparin (LMWH)
  Therapeutic Level ............... 0.50-1.20 IU/mL
  Prophylactic Level ............... 0.25-0.50 IU/mL

URINALYSIS

Color.............................................yellow

Clarity..........................................clear

Glucose........................................negative

Bilirubin........................................negative

Ketones.........................................negative

Specific Gravity .........................1.003-1.030

Blood............................................negative

pH ..............................................5.0-8.0

Protein..........................................negative

Urobilinogen.................................0.2-1.0 EU/dL

Nitrite...........................................negative

Leukocyte......................................negative

Microscopic
  RBC............................................0-5/hpf
  WBC...........................................0-3/hpf
  Bacteria........................................negative
  Squamous Epithelial Cells 0-5/hpf
  Hyaline Casts............................0-5/lpf

CSF CELL COUNT
  RBC...........................................0 / cumm
  Nucleated Cells ......................0-5 / cumm

DIAGNOSTIC IMMUNOLOGY

Antinuclear antibody (IFA) ......................≤40 Reciprocal Titer [effective 8/12/20]
CLINICAL LABORATORY REFERENCE VALUES

Antistreptolysin 0.......................................................... < 200 IU/mL (effective 9/20/21)
Cryptococcal antigen Blood......................................<2 Reciprocal Titer
Cryptococcal antigen CSF ........................................... <2 Reciprocal Titer
Cytomegalovirus IgG...............................................Neg ≤0.8 Al, +/- 0.9 to 1, Pos > 1.1
Cytomegalovirus IgM...............................................Neg < 0.8 Al, +/- 0.9 to 1, Pos > 1.1
Epstein Barr-virus...................................................Neg < 0.8 Al, +/- 0.9 to 1, Pos > 1.1
Herpes Simplex 1 & 2.............................................Neg < 0.9 Al, +/- 0.9 to 1, Pos > 1.1
Monospot..................................................................Negative
RPR or VDRL .........................................................Non-Reactive
Lyme disease.........................................................Neg ≤0.90 Ratio, +/- 0.91 to 1.09, Pos > 1.1
Mycoplasma Pneumoniae IgG and IgM..................Neg ≤0.90 OD Ratio +/- 0.91 to 1.09, Pos > 1.1
Toxoplasma IgG .........................................................Neg ≤ 9 IU/mL, +/- 10-11, Pos > 12
Toxoplasma IgM .........................................................Neg < 0.8 Al, +/- 0.9 -1.0, Pos >1.1

MYCOLOGY
Fungal immunodiffusion
Histoplasma............................................................Negative
Coccidiomyces..........................................................Negative
Blastomyces .............................................................Negative
Aspergillus ...............................................................Negative

BACTERIOLOGY & PARASITOLOGY
C. Difficile By Pcr ..................................................Negative
Fecal Lactoferrin ......................................................Negative
H. Pylori Antigen ....................................................<0.19 OD Ratio
Meningitis Antigen Panel.................................Negative
Rapid Group A Streptococcal Ag.................Negative
CLINICAL LABORATORY REFERENCE VALUES

Specimen information is available on the lab test menu site:

www.testmenu.com/nyumc

For information about these tests, call:

Clinical Laboratories Call Center: 37105, 35467, 35451, 35452

Mycology Ext: 35902

Parasitology Ext. 35050

Blood Bank Information Ext: 35441