

This section provides information regarding the lower and upper limits to which Alert values are called to a client. Alert values will be called to the requesting physician, or their designee, 24 hours a day.

| TEST | Lower Limit | Upper Limit |
|-----------------------------------|---------------------|-------------|
| Acetaminophen | | 200 mg/L |
| Alcohol, Blood | | 300 mg/dL |
| Amikacin | | |
| | Peak | 30 mg/L |
| | Trough | 10 mg/L |
| APTT (PTT) | | 130.0 sec. |
| Bicarbonate | 10 mmol/L | 40 mmol/L |
| Bilirubin, Total, Newborn | | 15 mg/dL |
| Blasts, Manual Differential Count | | > 20% |
| Blood Culture | Positive | |
| Calcium | 6 mg/dL | 14 mg/dL |
| Calcium Ionized | 0.75 mmol/L | 1.58 mmol/L |
| Coagulation Factors | | |
| | Factor 2 | < 40% |
| | Factor 5 | < 10% |
| | Factor 7 | < 05% |
| | Factor 8 | < 10% |
| | Factor 9 | < 10% |
| | Factor 10 | < 10% |
| | Factor 11 | < 30% |
| CSF Culture | Positive | |
| CSF Glucose | 20mg/dL | 150 mg/dL |
| CSF Protein | | |
| | Neonates 0-3 Months | 300 mg/dL |
| | 3 Months to Adult | 200 mg/dL |
| Desipramine & Imipramine | | 500 ng/mL |
| Digitoxin | | 30 ng/mL |

| TEST | Lower Limit | Upper Limit |
|---|--------------------------|-----------------------|
| Digoxin | | |
| 0 to 1 Year | | 4.0 ng/mL |
| 1 to 13 Years | | 3.0 ng/mL |
| 13 Years to Adult | | 2.5 ng/mL |
| Dilantin | | |
| 0 to 3 Months | | 14 mg/L |
| 3 Months to 1 Year | | 30 mg/L |
| 1 Year to 150 Years | | 25 mg/L |
| Glucose | | |
| Newborn | 30 mg/dL | 300 mg/dL |
| Adults | 40 mg/dL | 500 mg/dL |
| Hemoglobin | 7.0 gm/dL | |
| Lidocaine | | 10.0ug/mL |
| Lithium | | 2.5 meq/L |
| Low Molecular Weight Heparin Level | | > 1.0 IU/mL |
| Magnesium | 1.0meq/L | 3.0 meq/L |
| Malarial Parasites Blood | Any parasites | |
| Methotrexate | All Levels Called | |
| PCO2, arterial or capillary | | |
| Adults | 20mmHg | 70 mmHg |
| 0-12 years | 20mmHg | 60 mmHg |
| PH, arterial or capillary | 7.2 | 7.6 |
| Phenobarb | | 40 mg/L |
| Platelet count | 20 x 10e9/L | |
| PO2, arterial or capillary | 40 mmHg | |
| Potassium, un-hemolyzed | | |
| 0 – 1 month | 3.0 mmol/L | 6.5 mmol/L |
| 1 month – 1 year | 2.5 mmol/L | 6.5 mmol/L |
| 1 year - Adult | 2.5 mmol/L | 6.5 mmol/L |

| TEST | Lower Limit | Upper Limit |
|---|--------------------|------------------------|
| Potassium* | | |
| (*Specific alert levels for Tulsa Nephrology and Nephrology Associates at all locations.) | 2.5 mmol/L | 6.8 mmol/L |
| Primidone | | 15 mg/L |
| Procainamide + NAPA | | 30 mg/L |
| Protime (INR) | | > 5 INR |
| Quinidine | | 6 mg/L |
| Rh Immune Globulin | > 1 vial | |
| Salicylate | | 300 mg/L |
| Sodium | | |
| 0 – 1 month | 130 mmol/L | 160 mmol/L |
| 1 month – 3 years | 120 mmol/L | 150 mmol/L |
| 3 year - 12 years | 120 mmol/L | 160 mmol/L |
| 12 year - Adult | 120 mmol/L | 160 mmol/L |
| Tegretol | | > 12.1 mg/L |
| Theophylline | | 22 mg/L |
| Valproic Acid, Trough | | 200 mg/L |
| WBC | | > 250 10e9/L |