

## ALERT VALUES

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	12 mg/dL
Calcium Ionized	0.75 mmol/L	1.58 mmol/L
Carboxyhemoglobin		20 %
Coagulation Factors		
Factor 2	< 40%	
Factor 5	< 10%	
Factor 7	< 05%	
Factor 8	< 10%	
Factor 9	< 10%	
Factor 10	< 10%	
Factor 11	< 30%	
CSF Gram Stain and Culture	Positive	
CSF Glucose	20 mg/dL	150 mg/dL
CSF Protein		
Neonates 0 - 3 months		300 mg/dL
3 months to Adult		200 mg/dL

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<b>Desipramine &amp; Imipramine</b>		500 ng/mL
<b>Digitoxin</b>		30 ng/mL
<b>Digoxin</b>		
0 - 1 year		4.0 ng/mL
1 - 13 years		3.0 ng/mL
13 years - Adult		2.5 ng/mL
<b>Dilantin</b>		
0 - 3 months		14 mg/L
3 months - 1 year		30 mg/L
1 year - 150 years		25 mg/L
<b>Glucose</b>		
Newborn	30 mg/dL	300 mg/dL
Adults	40 mg/dL	500 mg/dL
<b>Hemoglobin</b>	7.0 gm/dL	
<b>Lactate</b>		> 4.0 mmol/L
<b>Lidocaine</b>		10.0ug/mL
<b>Lithium</b>		2.5 meq/L
<b>Low Molecular Weight Heparin Level</b>		> 1.0 IU/mL
<b>Magnesium</b>	1.0 meq/L	3.0 meq/L
<b>Malarial Parasites Blood</b>	Any parasites	
<b>Methotrexate</b>	All Levels Called	
<b>PCO<sub>2</sub>, arterial or capillary</b>		
0 - 12 years	20 mmHg	60 mmHg
Adults	20 mmHg	70 mmHg
<b>PH, arterial or capillary</b>	7.2	7.6
<b>Phenobarb</b>		40 mg/L
<b>Platelet count</b>	20 x 10 <sup>9</sup> /L	999 x 10 <sup>9</sup> /L
<b>PO<sub>2</sub>, arterial or capillary</b>	40 mmHg	

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<b>Potassium, un-hemolyzed</b>		
0 - 1 month	<b>3.0 mmol/L</b>	<b>6.5 mmol/L</b>
1 month - 1 year	<b>2.5 mmol/L</b>	<b>6.5 mmol/L</b>
1 year - Adult	<b>2.5 mmol/L</b>	<b>6.5 mmol/L</b>
<b>Potassium*</b>		
(*Specific alert levels for Tulsa Nephrology and Nephrology Associates at all locations.)	<b>2.5 mmol/L</b>	<b>6.8 mmol/L</b>
<b>Primidone</b>		<b>15 mg/L</b>
<b>Procainamide + NAPA</b>		<b>30 mg/L</b>
<b>Protime (INR)</b>		<b>5 INR</b>
<b>Quinidine</b>		<b>6 mg/L</b>
<b>Rh Immune Globulin</b>	<b>&gt; 1 vial</b>	
<b>Salicylate</b>		<b>300 mg/L</b>
<b>Sodium</b>		
0 months -3 months	<b>125 mmol/L</b>	<b>150 mmol/L</b>
3 months - 12 years	<b>120 mmol/L</b>	<b>150 mmol/L</b>
12 years - Adults	<b>120 mmol/L</b>	<b>160 mmol/L</b>
<b>Tegretol</b>		<b>&gt; 12.1 mg/L</b>
<b>Theophylline</b>		<b>22 mg/L</b>
<b>Troponin</b>		<b>0.029 ng/mL</b>
<b>Unfractionated Heparin by Anti-10a</b>		<b>&gt; 0.89 IU/mL</b>
<b>Valproic Acid, Trough</b>		<b>200 mg/L</b>
<b>Vancomycin</b>		<b>&gt; 25 mg/L</b>
<b>WBC</b>		<b>&gt; 250 10e9/L</b>

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