



# UNIVERSITY OF ILLINOIS Hospital & Health Sciences System

Changing medicine. For good.

**Department of Pathology**

**Laboratory Alert**

**August 18, 2015**

## Critical Value Changes

Effective September 1st, 2015, the critical values of the following chemistry and toxicology tests will be changed to better serve patient care and safety.

CRITICAL RESULTS		
Test	Old Critical Value	New Critical Value
Chemistry		
Bilirubin, total, neonatal (0-28 days)	>14.9 mg/dL	>15.0 mg/dL
Calcium, total	<6.6 mg/dL	<6.5 mg/dL
Chloride	<85 or >125 mmol/L	No critical value
Glucose, CSF	<35 mg/dL	<30 mg/dL
PCO <sub>2</sub>	>60 mm Hg	>70 mm Hg
Phosphorus	<1.1 or >8.0 mg/dL	<1.0 or >9.0 mg/dL
Sodium	<125 mmol/L	<120 mmol/L
Toxicology		
Acetaminophen	>100.0 mcg/mL	>50.0 mcg/mL
Lead	>40 mcg/dL	>44 mcg/dL
Lithium	>1.4 mmol/L	>2.0 mmol/L
Tobramycin, peak		>12.0 mcg/mL
Valproic acid	>140.0 mcg/mL	>150.0 mcg/mL

For further information, please contact:

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