



Magnesium (Mg) and Creatine Kinase (CK): Change in Reporting

Date: January 2, 2019

Effective Date: January 23, 2019

Reporting for Mg and CK at Strong Memorial, Highland, and Strong West Labs will be modified to align reporting units and reference intervals at all UR Medicine Clinical Labs.

Magnesium (Mg):

The reporting concentration unit for Mg will change from the current mEq/L to mg/dL (1 mEq/L = 1.2 mg/dL). The reference interval Mg will be changed to the new unit and abnormal results will be flagged appropriately. Each Mg result will have a comment stating the result in both concentration units (for example, 1.8 mg/dL = 1.5 mEq/L). This comment will remain in place for 90 days after the unit change.

Mg Reference Interval

<u>Current (mEq/L)</u>	<u>New (mg/dL)</u>
1.3-2.1	1.6-2.5

Creatine Kinase (CK):

The reference intervals for CK will change.

CK Reference Intervals

	<u>Current (U/L)</u>	<u>New (U/L)</u>
Female	34-145	26-192
Male	46-171	39-308

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