



## Laboratory Technical Bulletin Obsolete Test

**Date:** January 3, 2019

**Effective Date:** January 7, 2019

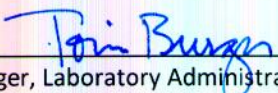
**Title:** Obsolete Test

**Test:** Magnesium, Red Blood Cell

**Explanation of change:** Due to limited clinical utility, Red Blood Cell (RBC) Magnesium will no longer be available effective January 7, 2019. The RBC Magnesium test does not offer clinical advantages over serum levels and does not correlate with other tissue fractions. For total magnesium status, a 24 hour urine magnesium test is a superior alternative. (Note – reference values have not been established for patients <18 years and >83 years.)

	<b>Old</b>	<b>New</b>	<b>New</b>
<i>Test Name</i>	Magnesium, RBC	Magnesium, Serum	Magnesium, 24 hr urine
<i>Perform Site</i>	Mayo Clinic Lab	CMC Lab	Mayo Clinic Lab
<i>Reference Range</i>	3.5 - 7.1 mg/dL	1.9-2.7 mg/dL	51-269 mg/24 hr
<i>Specimen</i>	metal-free EDTA	SST	24 hour urine
<i>Volume Required</i>	4 mL	6 mL	Entire 24 hr collection
<i>Turnaround time</i>	3 days	same day	3 days


Date 01/03/19  
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 Dr. Elizabeth Plocharczyk MD, Laboratory Assistant Medical Director


Date 1-3-19  
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 Toni Burger, Laboratory Administrative Director