

LabMed Report

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IN THIS ISSUE: Removal of the test “Reducing Substances, Urine
Removal of the test “ Magnesium, Red Blood Cell

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John C Keep, MD,
editor

1. Removal of the test “Reducing Substances, Urine “otherwise known as the Clinitest from the laboratory testing menu.
2. Removal of the test “Magnesium, Red Blood Cell” from the laboratory test send out menu.

The Clinitest for assessing reducing substances in the urine will be discontinued since the manufacturer no longer sells the reagent.

This change is effective immediately.

The Clinitest historically was able to detect reducing sugars such as glucose, galactose, lactose, pentose, and fructose in the urine.

Fortunately the State of Michigan newborn screen already tests for galactosemia which is the most clinically significant reducing sugar.

If further screening for urine reducing substances is still clinically warranted, an alternative test available through the Mayo Clinic Laboratories is “Carbohydrate, Urine”
Test ID: CHOU.

This test detects increased excretion of fructose, glucose, galactose, disaccharides, oligosaccharides, and succinylpurines.

Mayo Clinic has recently discontinued the test called "magnesium, red blood cell" since it does not offer clinical advantages over serum levels. For total magnesium status, a magnesium tolerance test utilizing a 24 hour urine collection is a superior alternative.