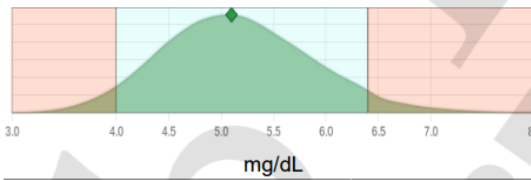


Patient Information	Specimen Information	Client Information

Micronutrients

Test Name	In Range	Out of Range	Reference Range	Population Distribution	Population Percentile	Historical Result
MINERAL/ELEMENT						
MAGNESIUM, RBC Lab :	5.1		4.0-6.4 mg/dL		51.5%	-

PERFORMING SITE:

SPECIMEN:

Patient Information	Specimen Information	Client Information

Comments

Analyte Name
MAGNESIUM, RBC
<p>Magnesium is a nutrient that is important for many processes in the body, including regulating muscle and nerve function, blood sugar levels, blood pressure and making protein, bone, and DNA. A clinical deficiency can lead to irritability, neuromuscular abnormalities, cardiac and renal damage. Excessive amount may cause CNS depression, loss of muscle tone, respiratory complications, and cardiac arrest.</p> <p>For more information, visit https://ods.od.nih.gov/factsheets/Magnesium-HealthProfessional/</p> <p>This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute, Chantilly, VA. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.</p>

End Notes:

Population Distribution Interpretation:
<p>Quest population data from 1/1/2020 to 3/16/2021 was used to build the population distribution curves. The x-axis represents the biomarker result value and the y-axis represents the patient kernel density estimate, which is a smoothed version of the histogram.</p> <p>Solid grey lines represent reference interval cutoffs. A data point at the extent of the x-axis may represent a value below/above the lower/upper limits of the x-axis range.</p> <p>The population percentile indicates where a patient's result is relative to the whole population. For example, a patient result labeled as 45th percentile means 45% of the population has a test result lower than this resulted value.</p>

PERFORMING SITE:

SPECIMEN: