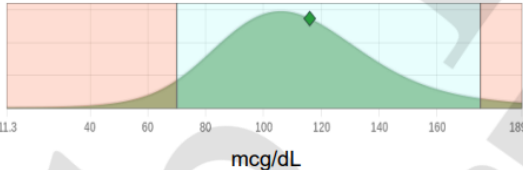


Patient Information	Specimen Information	Client Information

Micronutrients

Test Name	In Range	Out of Range	Reference Range	Population Distribution	Population Percentile	Historical Result
MINERAL/ELEMENT						
COPPER, PLASMA Lab :	116		70-175 mcg/dL		60.1%	-

PERFORMING SITE:

SPECIMEN:

Patient Information	Specimen Information	Client Information

Comments**Analyte Name**

COPPER, PLASMA

Copper is an essential element that is a cofactor of many enzymes, including ceruloplasmin, which plays a role in iron metabolism and carries more than 95% of the total copper in healthy human plasma. It is also involved in many physiologic processes, such as angiogenesis; neurohormone homeostasis; and regulation of gene expression, brain development, pigmentation, and immune system functioning. Copper concentrations increase in acute phase reactions and are decreased with nephrosis, malabsorption, and malnutrition.

For more information, visit <https://ods.od.nih.gov/factsheets/Copper-HealthProfessional/>

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.

PERFORMING SITE:

SPECIMEN: