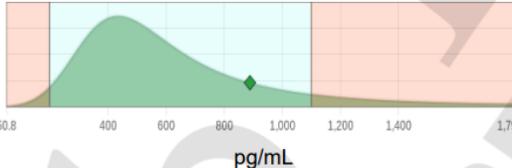


Patient Information	Specimen Information	Client Information

Micronutrients

Test Name	In Range	Out of Range	Reference Range	Population Distribution	Population Percentile	Historical Result
B-VITAMINS						
VITAMIN B12 Lab :	889		200-1100 pg/mL		79.1%	

PERFORMING SITE:

SPECIMEN:

Patient Information	Specimen Information	Client Information

Comments**Analyte Name**

VITAMIN B12

Vitamin B12 works with folate and vitamin C to help the body make new proteins. It is necessary for normal red blood cell and white blood cell formation, repair of tissues and cells, synthesis of DNA, and neurologic health. Low vitamin B12 may be a result of alcoholism, malabsorption, vegan diets, and some medications.

For more information, visit <https://ods.od.nih.gov/factsheets/VitaminB12-HealthProfessional/>

End Notes:**Population Distribution Interpretation:**

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.

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.

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.

PERFORMING SITE:

SPECIMEN: