

Patient ID SA00141473	Patient Name VALIDATIONTESTING, P5NT	Birth Date 1960-02-02	Gender M	Age 60
Order Number SA00141473	Client Order Number SA00141473	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 14 Jan 2021 06:00		

Pyrimidine 5' Nucleotidase, B

Result Name	Value	Unit	Reference Value	Performing Site
  Pyrimidine 5' Nucleotidase, B	Abnormal			1 MCR
Pyrimidine 5-Nucleotidase (P5NT) spectral absorption curve is abnormal indicating an increase in pyrimidine nucleotides. Lead inhibits P5NT activity; therefore heavy metal testing should be performed to exclude a reversible cause, otherwise in the correct clinical context, these results are supportive of P5NT deficiency. Clinically significant P5NT deficiency is an autosomal recessive disorder that manifests as mild to moderate hemolytic anemia. Additional features are jaundice, splenomegaly and characteristic marked basophilic stippling on the peripheral blood smear. Coincident Hb E may lead to a more severe hemolytic anemia. REFERENCE VALUE Expected result is normal				

Received: 14 Jan 2021 13:00

Reported: 14 Jan 2021 13:09

Laboratory Notes

- 1 This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292