

Galactose 1 Phosphate

Order Name: **GAL1PHOS**

Test Number: 3703875

Revision Date: 09/18/2024

TEST NAME	METHODOLOGY	LOINC CODE
Galactose-1-phosphate (mg/dL)	Quantitative Gas Chromatography-Mass Spectrometry	2312-7

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	3 mL (2)	Whole Blood	EDTA (Lavender Top)	Refrigerated
Alternate 1	5 mL (2)	Whole Blood	Sodium Heparin (Green Top / No-Gel)	Refrigerated
Instructions	Specimen: 3mL (2mL) of EDTA Whole Blood or Sodium Heparin Whole Blood Stability: Ambient n/a; Refrigerated 72hrs; Frozen: n/a Cause for Rejection: Gross hemolysis			

GENERAL INFORMATION	
Expected TAT	10 - 15 days
Clinical Use	Monitoring dietary therapy of patients with galactosemia due to deficiency of galactose-1-phosphate uridylyltransferase or uridine diphosphate galactose-4-epimerase. Galactose-1-phosphate uridylyltransferase (GALT) deficiency is the most common cause of galactosemia and requires lifelong restriction of dietary galactose. Galactose-1-phosphate is elevated in patients with galactosemia due to GALT deficiency or uridine diphosphate galactose-4-epimerase deficiency, therefore is a suitable analyte for monitoring dietary compliance.
Performing Labcorp Test Code	833591
CPT Code(s)	84378
Lab Section	Reference Lab