

Galactose 1 Phosphate

Order Name: **GAL1PHOS**

Test Number: 3703875

Revision Date: 12/12/2022

TEST NAME	METHODOLOGY	LOINC CODE
Galactose-1-phosphate (mg/dL)	Quantitative Gas Chromatography-Mass Spectrometry	2312-7
Galactose-1-phosphate (ug/g Hb)	Quantitative Gas Chromatography-Mass Spectrometry	33360-9
Galactose-1-phosphate (umol/g Hb)	Quantitative Gas Chromatography-Mass Spectrometry	38485-9

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (mL)	Specimen Type	Specimen Container	Transport Environment
Preferred	5 mL (2)	Whole Blood	EDTA (Lavender Top)	Refrigerated
Alternate 1	5 mL (2)	Whole Blood	Sodium Heparin (Green Top / No-Gel)	Refrigerated
Alternate 2	See Instructions	Processed RBCs	See Instructions	Refrigerated
Instructions	<p>Notes: 5mL (2 mL) whole blood or 3mL (600 uL) packed RBC</p> <p>Specimen Type: Lavender-top (EDTA) tube or green-top (heparin) tube</p> <p>Specimen Storage: Refrigerate whole blood or Frozen packed RBC</p> <p>Specimen Collection: Place whole blood tube on wet ice immediately after collection. Alternate acceptable is frozen washed red blood cells</p> <ol style="list-style-type: none">1. Centrifuge whole blood immediately for 10 minutes at 3380 RPM.2. Discard the plasma and buffy coat layers.3. Add cold 0.9 percent saline solution to the red blood cells (about 2 times the volume of cells) and mix gently by inverting the tube.4. Centrifuge for 10 minutes at 3380 RPM.5. Aspirate and discard the supernatant.6. Repeat the wash (steps 3 through 5) 2 more times.7. After the third wash and centrifugation, remove the supernatant and a thin layer of the top cells.8. Transfer washed cells to a standard transport tube and freeze. Ship on dry ice and indicate on specimen and/or requisition that washed red cells have been submitted. <p>Special Instructions: Testing referred to ARUP TC 81296</p> <p>Specimen Stability: Ambient: Not Available, Refrigerated : Whole blood 72 hours, Frozen: RBC 14 days</p>			

GENERAL INFORMATION	
Expected TAT	10 - 15 days
Clinical Use	Confirmatory test used in determining Galactosemia, a hereditary autosomal recessive disorder.
Performing Labcorp Test Code	806520
Notes	Labcorp Test Code: 806520
CPT Code(s)	84378
Lab Section	Reference Lab