

Pyruvate

Order Name: **PYRUVAT RF**

Test Number: 3630350

Revision Date: 12/09/2022

TEST NAME	METHODOLOGY	LOINC CODE
Pyruvate	Spectrophotometry	

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	0.5 mL (0.2 mL)	Whole Blood	Sodium Fluoride (Gray)	Refrigerated
Instructions	<p><b>Notes:</b> 0.2 mL (Clear supernatant) (Note: This volume Does NOT allow for repeat testing).</p> <p><b>Specimen Type:</b> Gray-top (potassium oxalate/sodium fluoride) tube and one LabCorp 8% perchloric acid tube</p> <p><b>Container Detail:</b> On Ice, Supernat</p> <p><b>Specimen Storage:</b> Maintain the perchloric acid supernatant refrigerated.</p> <p><b>Specimen Collection:</b> Draw blood into chilled gray-top tube. Immediately after blood is drawn, add 2 mL of whole blood from the gray-top tube to 2 mL of 8% perchloric acid (PeopleSoft No. 111749) (7 mL of 70% perchloric acid diluted to 100 mL with deionized water). NOTE: Use 1:1 blood (ie, equal parts) to 8% perchloric ratio if less blood is obtained. Shake mixture vigorously for about 30 seconds. Refrigerate for five minutes to ensure complete protein precipitation. Centrifuge 5 to 10 minutes at approximately 1500xg. Immediately transfer the CLEAR SUPERNATANT to a transport tube. Label the transport tube as "SUPERNATANT" and send to the laboratory. NOTE: A second centrifugation of the supernatant may be necessary to obtain a clear protein-free solution.</p> <p><b>Specimen Stability:</b> Ambient: 5 days, Refrigerated : 7 days, Frozen: 7 days</p>			

GENERAL INFORMATION	
Expected TAT	2 - 4 days
Clinical Use	Useful for work-up cases of nonspherocytic hemolytic anemia and for a family work-up to determine inheritance pattern (PK deficiency is autosomal recessive) for genetic counseling.
Performing Labcorp Test Code	004788
Notes	Labcorp Test Code: 004788
CPT Code(s)	84210
Lab Section	Reference Lab