

# 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	<b>0.5 mL (0.2 mL)</b>	<b>Whole Blood</b>	<b>Sodium Fluoride (Gray)</b>	<b>Refrigerated</b>

**Instructions**

**Notes:** 0.2 mL (Clear supernatant) (Note: This volume Does NOT allow for repeat testing).  
**Specimen Type:** Gray-top (potassium oxalate/sodium fluoride) tube and one LabCorp 8% perchloric acid tube  
**Container Detail:** On Ice, Supernat  
**Specimen Storage:** Maintain the perchloric acid supernatant refrigerated.  
**Specimen Collection:** 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.  
**Specimen Stability:** Ambient: 5 days, Refrigerated : 7 days, Frozen: 7 days

## GENERAL INFORMATION

<b>Expected TAT</b>	2 - 4 days
<b>Clinical Use</b>	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.
<b>Performing Labcorp Test Code</b>	004788
<b>Notes</b>	Labcorp Test Code: 004788
<b>CPT Code(s)</b>	84210
<b>Lab Section</b>	Reference Lab