### PYRUVIC ACID

<table>
<thead>
<tr>
<th>ALTERNATE NAMES</th>
<th>Pyruvate</th>
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<tbody>
<tr>
<td>SPECIMEN TYPES &amp; AMOUNTS PRESERVATIVE OR ANTICOAGULANT</td>
<td>Collect: Green (sodium or lithium heparin).</td>
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</tbody>
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#### Specimen Preparation:
1. Immediately after blood is drawn, add exactly 1 mL whole blood to a chilled pyruvate collection tube containing 2 mL 8 percent (w/v) perchloric acid (ARUP supply #16567) available online through eSupply using ARUP Connect™ or contact Client Services at (800) 522-2787.
2. Mix well for 30 seconds then place in an ice bath for 10 minutes.
3. Centrifuge for 10 minutes at 1500 x g.
4. Decant 2 mL supernatant to an ARUP Standard Transport Tube and freeze. (Min: 1 mL)

#### Storage/Transport Temperature: Frozen.

#### PATIENT PREPARATION
Patient should be fasting and at complete rest. Patient should avoid any exercise of the arm or hand before or during collection. Draw the specimen without the use of a tourniquet or within three minutes of applying the tourniquet, but before releasing the tourniquet.

#### DAYS/TIME TESTED
Sun-Sat

#### METHODOLOGY
Quantitative Enzymatic

#### ROUTINE / STAT T.A.T.
1-2 days

#### REFERENCE RANGE
0.030-0.107 mmol/L (venous blood)

#### LAB CODE / CPT CODE
Lab06529 / 84210

#### LCHG CODE
60065290

#### REF LAB TEST CODE
ARUP 0080310

#### LINK TO HANDLING AND PROCESSING INFO

#### STABILITY
Ambient: 8 hours; Refrigerated: 1 month; Frozen: 6 months

#### REJECTION CRITERIA
If less than 1 mL of blood is added to collection tube, pH of the supernatant will be too low for testing.

#### LAST UPDATED
10/05/15 tlk