Organic Acids, Plasma

Ordering Recommendation

For routine biochemical screening for inherited disorders of metabolism, refer to Organic Acids, Urine (0098389).

Mnemonic

ORG AC P

Methodology

Gas Chromatography/Mass Spectrometry

Performed

Tue

Reported

3-15 days

New York DOH Approval Status

This test is New York DOH approved.

Submit With Order

- Patient History For Biochemical Genetics

Specimen Required

Patient Preparation:

Collect: Green (sodium or lithium heparin).

Specimen Preparation: Separate plasma from cells within one hour of collection. Transfer 3 mL plasma to an ARUP Standard Transport Tube. (Min: 2 mL)

Storage/Transport Temperature: CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.

Unacceptable Conditions:

Remarks: Clinical information is needed for appropriate interpretation. Additional required information includes age, gender, diet (e.g. TPN therapy), drug therapy, and family history. Biochemical Genetics Patient History Form is available on the ARUP Web site at http://www.aruplab.com/patienthistory or by contacting ARUP Client Services.

Stability: After separation from cells: Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 1 month

Reference Interval

By report

Interpretive Data

Statement B: Compliance Statement B: For laboratory developed tests not using a RUO kit, and for FDA approved, cleared or 510(k) exempt assays with alterations. This test was developed and its performance characteristics determined by ARUP Laboratories. The U. S. Food and Drug Administration has not approved or cleared this test; however, FDA clearance or approval is not currently required for clinical use. The results are not intended to be used as the sole means for clinical diagnosis or patient management decisions.

Note

Organic Acids, Urine (ARUP test code 0098389), is the preferred test when screening for inherited disorders of metabolism. This plasma test is not as sensitive and will only detect the organic acids listed on the report.

Hotline History

N/A

CPT Code(s)

83918

Are you an ARUP Client?

Click here for your pricing.
<table>
<thead>
<tr>
<th>Component Test Code*</th>
<th>Component Chart Name</th>
<th>LOINC</th>
</tr>
</thead>
<tbody>
<tr>
<td>0081044</td>
<td>Lactic Acid, Plasma</td>
<td>2524-7</td>
</tr>
<tr>
<td>0081045</td>
<td>Pyruvic Acid, Plasma</td>
<td>32338-6</td>
</tr>
<tr>
<td>0081046</td>
<td>Succinic Acid, Plasma</td>
<td>35871-3</td>
</tr>
<tr>
<td>0081047</td>
<td>3-OH-Butyric Acid, Plasma</td>
<td>6873-4</td>
</tr>
<tr>
<td>0081048</td>
<td>Acetoacetic Acid, Plasma</td>
<td>35867-1</td>
</tr>
<tr>
<td>0081049</td>
<td>2-Keto-3-methylvaleric Acid, Plasma</td>
<td>35869-7</td>
</tr>
<tr>
<td>0081050</td>
<td>2-Ketoisocaproic Acid, Plasma</td>
<td>35870-5</td>
</tr>
<tr>
<td>0081051</td>
<td>2-Ketoisovaleric Acid, Plasma</td>
<td>35868-9</td>
</tr>
<tr>
<td>0081052</td>
<td>Citric Acid, Plasma</td>
<td>15038-3</td>
</tr>
<tr>
<td>0088972</td>
<td>Organic Acids, Plasma Interpretation</td>
<td>33475-5</td>
</tr>
</tbody>
</table>

* Component test codes cannot be used to order tests. The information provided here is not sufficient for interface builds; for a complete test mix, please view this test within the Laboratory Test Directory found at [www.aruplab.com](http://www.aruplab.com)

**Aliases**
- Plasma organic acids