

# Organic Acids, Plasma

0099289

## Ordering Recommendation

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

### Mnemonic

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ORG AC P

### Methodology

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Gas Chromatography/Mass Spectrometry

### Performed

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Tue

### Reported

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3-15 days

## New York DOH Approval Status

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This test is New York DOH approved.

## Submit With Order

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- [Patient History For Biochemical Genetics](#)

## Specimen Required

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### 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

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By report

## Interpretive Data

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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

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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

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N/A

### CPT Code(s)

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83918

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## Components

Component Test Code*	Component Chart Name	LOINC
0081044	Lactic Acid, Plasma	2524-7
0081045	Pyruvic Acid, Plasma	32338-6
0081046	Succinic Acid, Plasma	35871-3
0081047	3-OH-Butyric Acid, Plasma	6873-4
0081048	Acetoacetic Acid, Plasma	35867-1
0081049	2-Keto-3-methylvaleric Acid, Plasma	35869-7
0081050	2-Ketoisocaproic Acid, Plasma	35870-5
0081051	2-Ketoisovaleric Acid, Plasma	35868-9
0081052	Citric Acid, Plasma	15038-3
0098972	Organic Acids, Plasma Interpretation	33475-5

\* 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