Organic Acids, Plasma

**Specimen Required:** Collect: Green (Sodium or Lithium Heparin).

**Specimen Preparation:** Separate from cells within one hour of collection. Transfer 3 mL plasma to an ARUP Standard Transport Tube. (Min: 1 mL)

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

**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](http://www.aruplab.com/patienthistory) or by contacting ARUP Client Services.

**Unacceptable Conditions:**

**Stability (collection to initiation of testing):** After separation from cells: Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 5 months

**HOTLINE NOTE:** There is a unit of measure change associated with this test.

- Change the unit of measure for component 0081044, Lactic Acid, Plasma from nmol/mL to umol/L.
- Change the unit of measure for component 0081045, Pyruvic Acid, Plasma from nmol/mL to umol/L.
- Change the unit of measure for component 0081046, Succinic Acid, Plasma from nmol/mL to umol/L.
- Change the unit of measure for component 0081047, 3-OH-Butyric Acid, Plasma from nmol/mL to umol/L.
- Change the unit of measure for component 0081048, Acetoacetic Acid, Plasma from nmol/mL to umol/L.
- Change the unit of measure for component 0081049, 2-Keto-3-methylvaleric Acid, Plasma from nmol/mL to umol/L.
- Change the unit of measure for component 0081050, 2-Ketoisocaproic Acid, Plasma from nmol/mL to umol/L.
- Change the unit of measure for component 0081051, 2-Ketoisovaleric Acid, Plasma from nmol/mL to umol/L.
- Change the unit of measure for component 3001293, Glutaric Acid, Plasma from nmol/mL to umol/L.