

# AMINO ACIDS, PLASMA

## Orderable - AAP

Turnaround Time: 2 days

### Alternate Name(s):

PKU (Phenylalanine, Phenylketonuria)  
MSUD (Maple syrup urine disease)

### Specimen:

6 mL Green (Sodium or Lithium Heparin) top Vacutainer tube  
or Lavender (EDTA) Microtainer tube

### Collection Information:

Minimum volume of plasma required is 0.5 mL.

Ideally collect after a minimum 4 hour fast.

Separate plasma from whole blood ASAP.

Store plasma at -20°C and send frozen to Biochemical Genetics.

### Reference Ranges:

See report

### Comments:

Quantitative determination of individual amino acids. Useful in screening for inborn errors of metabolism of amino acids. Elevated in a wide variety of inherited metabolic disorders.

### Storage and Shipment:

Store plasma at -20°C and send frozen to Biochemical Genetics.



**Laboratory:**  
Biochemical Genetics Lab



**Requisition:**  
[BIOCHEMICAL GENETICS  
LAB REQUISITION](#)



**Test Schedule:**  
As required