



Specimen Collection and Transportation Information

Test Name	Mnemonic	Section	Specimen Type
Plasma amino acid quantification	Plasma-AA	Clinical Chemistry	Plasma

- **Preparation of the Patient:** Fasting required
- **Type of Collection Container:** Lithium Heparin tube
- **Types and Amounts of Preservatives or Anticoagulants:** Not required
- **Quantity of Specimen to be Collected:** Adult 3-4 ml of blood, 1-2 ml of separated plasma is required
 - **Infant or child** 1-2 ml or 0.5-1 ml of separated plasma is required
 - **Minimum Quantity:** 0.2 ml (200µl)
- **Transportation Temperature:** Freeze at -20°C
- **Need for Special Timing for Collection (where applicable):** Ideally Plasma should be collected at a time when symptoms are most severe
- **Specimen Stability Information:** If plasma sample could not be send to laboratory within 4 hours than make a secondary clean plain container (with patient identification) and freeze sample at -20°C and transport frozen sample in dry ice to the laboratory
- **Special Instruction:** Fasting sample is required, at least 2 hours in infants, 4 hours in children and 8 hours in adults
- **Rejection Criteria:** Hemolysed specimens / Unfrozen Sample > 4 hrs.
- **Need for Appropriate Clinical Data, When Indicated (Patient history):** Required

Methodology	Reporting Scheme	Day Performed	Cut Off Time Main Lab	Cut Off Time Karachi Points	Cut Off Time Out of Karachi Points
Cation exchange chromatography	After 10 days	Monday to Friday	11:00am	11:00am	11:00am