



Specimen Collection and Transportation Information

Test Name	Mnemonic	Section	Specimen Type
Plasma Maple Syrup Urine Disease	MSUD	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
Cat ion exchange chromatography	After 7 days	Tuesday	08:00am	08:00am	08:00am