



**Specimen Collection and Transportation Information**

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

- **Preparation of the Patient:** Not required
- **Type of Collection Container:** Sterile container (micro tube) without any preservative
- **Types and Amounts of Preservatives or Anticoagulants:** Not required
- **Quantity of Specimen to be Collected:** 0.5 ml (500ul)
  - **Minimum Quantity:** 0.2 ml (200µl)
- **Transportation Temperature:** Freeze at -20°C
- **Need for Special Timing for Collection (where applicable):** Ideally CSF should be collected at a time when symptoms are most severe
- **Specimen Stability Information:** If CSF 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 CSF sample in dry ice to the laboratory
- **Special Instruction:** Send together with 2 ml whole blood lithium heparinized tube for plasma amino acid if suspecting non-ketotic hyperglycinaemia (NKH), and serine deficiency disorders. Separate the plasma immediately within 4 hours
- **Rejection Criteria:** Blood stained CSF / 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 10 days	Mon to Fri	11:00am	11:00am	11:00am