



Spinal Fluid Specimen Collection Instructions for Creutzfeldt-Jakob Disease and Rapidly Progressive Dementia Evaluations



CJDE / Creutzfeldt-Jakob Disease Evaluation, Spinal Fluid
RPDE / Rapidly Progressive Dementia Evaluation, Spinal Fluid
SPECIMEN AND COLLECTION TUBE REQUIREMENTS

Patient Preparation: For 12 hours before specimen collection, patient should **not** take multivitamins or dietary supplements (eg, hair, skin, and nail supplements) containing biotin (vitamin B7).

Supplies: CJD/RPD Evaluation Kit (T966)

Container/Tube: Two CSF AD Biomarker Tubes* (2.5 mL)

Note: If not using the collection tubes supplied with the kit, refer to the test information on MayoClinicLab.com for acceptable tube types.

Specimen Volume: 2 tubes; each containing 1.5 to 2.5 mL

***Polystyrene and glass collection tubes are not acceptable.** Exposure of CSF to polystyrene or glass tubes may result in falsely low beta-amyloid concentrations.

COLLECTION INSTRUCTIONS

1. Perform lumbar puncture and discard the first 1 to 2 mL of cerebrospinal fluid (CSF).
2. Collect two tubes of CSF directly into collection container/tube until the tube is at least 50% full. Do not aliquot. Analysis needs to be performed using collection tube.

Note: Protocol recommends using the gravity drip method vs. syringe pull method to reduce risk of Abeta42 binding to any plastic in a syringe.

3. Place sample in a Mayo Clinic Laboratories' shipping bag with batch sheet or request form.
4. Ship frozen.