

# 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**

**Supplies:** CJD/RPD Evaluation Collection 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 [mayocliniclabs.com](https://www.mayocliniclabs.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.