

AMYP | Beta-Amyloid Ratio (1-42/1-40), Spinal Fluid

This test is intended for use in adult patients 55 years of age and older.

SPECIMEN AND COLLECTION TUBE REQUIREMENTS

Patient Preparation: None required

Container/Tube

Preferred: 1.5 mL polypropylene* tube (Sarstedt 72.703.600); at least 50% full.

Acceptable:

- CSF AD Biomarker Tube (T833)/ Sarstedt CSF False Bottom Tube 63.614.625 (2.5 mL)
- Sarstedt 72.694.600 (2 mL)
- Sarstedt 10 mL tube Ref. 62.610.018 (Collect at least 5 mL of CSF [$>$ or $=$ 50% full])

Specimen Volume: 0.75 to 1.5 mL or at least 50% container volume; specimens received with less than the required fill volume may be rejected.

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

COLLECTION INSTRUCTIONS

Do not collect CSF for this test if the patient is younger than 55 years.

1. Perform lumbar puncture and discard the first 1 to 2 mL of CSF.
2. Discard any visibly blood-contaminated CSF.
3. Collect CSF directly into collection container/tube until 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.

4. Place sample in a Mayo Clinic Laboratories' shipping bag with batch sheet or request form.
5. Ship frozen (preferred) or refrigerate.