

**Reporting Title:** Phospho-Tau(217), P**Performing Location:** Rochester**Ordering Guidance:**

This assay is useful for individuals presenting with mild cognitive impairment or early dementia. Results must be interpreted in conjunction with other diagnostic tools such as neurological examination, neurobehavioral tests, imaging, and routine laboratory tests.

This assay should not be ordered for individuals younger than 50 years or in cognitively unimpaired individuals regardless of age.

This assay should not be used to predict the development of dementia or other neurologic conditions.

**Specimen Requirements:**

Collection Container/Tube: Lavender top (EDTA)

Submission Container/Tube: Plastic screw-top vial

Specimen Volume: 0.6 mL

Collection Information: Centrifuge and aliquot plasma into plastic vial. Do not submit in original tube.

**Specimen Minimum Volume:**

0.5 mL

**Forms:**

If not ordering electronically, complete, print, and send a Neurology Specialty Testing Client Test Request (T732) with the specimen.

| Specimen Type | Temperature              | Time     | Special Container |
|---------------|--------------------------|----------|-------------------|
| EDTA Plasma   | Refrigerated (preferred) | 7 days   |                   |
|               | Frozen                   | 7 days   |                   |
|               | Ambient                  | 72 hours |                   |

**Result Codes:**

| Result ID | Reporting Name | Type    | Unit  | LOINC®   |
|-----------|----------------|---------|-------|----------|
| 217PT     | pTau217, P     | Numeric | pg/mL | 104663-0 |

| Result ID | Reporting Name         | Type         | Unit | LOINC®  |
|-----------|------------------------|--------------|------|---------|
| PTINT     | pTau217 Interpretation | Alphanumeric |      | 69048-7 |

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

83520

**Reference Values:**

Negative < or = 0.185 pg/mL

Intermediate 0.186-0.324 pg/mL

Positive > or = 0.325 pg/mL