MAYO CLINIC LABORATORIES

# Test Definition: FAMBT

Amyloid Beta-Protein

## Overview

### Method Name
Radioimmunoassay (RIA)

### NY State Available
No

## Specimen

### Specimen Type
Plasma EDTA

### Specimen Required
**Collection Container/Tube:** Lavender (EDTA)
**Submission Container/Tube:** Plastic vial
**Specimen Volume:** 3 mL
**Collection Instructions:**
1. 3 mL of EDTA plasma should be collected and separated as soon as possible.
2. Freeze EDTA plasma immediately after separation.
3. Ship frozen

### Specimen Minimum Volume
1 mL

### Reject Due To

| | |
|---|---|
| Gross hemolysis | Reject |
| Gross lipemia | Reject |
| Gross icterus | Reject |

### Specimen Stability Information

| Specimen Type | Temperature | Time | Special Container |
|---|---|---|---|
| Plasma EDTA | Frozen | 30 days | |

## Clinical & Interpretive

### Clinical Information

Amyloid B-Protein is a peptide that ranges in size from 28-43 amino acids. Most fragments have the same biological activity as the whole molecule. Amyloid B-Protein causes vascular and cerebral plaque formation. Insoluble fibrils of Amyloid B-Protein accumulate in adrenal blood vessels and in neutritic plaques. Occurrence of plaques are present in normal brain but in a much less dense degree as in Alzheimer's disease patients. Amyloid B-Protein is also found in elevated levels in patients with Down's Syndrome. Substance P has been found to counteract the effects of Amyloid B-Protein.

### Reference Values
20-80 pg/mL

### Cautions
Values obtained with different methods, laboratories, or kits cannot be used interchangeably with the results on this report. The results cannot be interpreted as absolute evidence of the presence or absence of malignant disease.

## Performance

### PDF Report
Referral

### Day(s) Performed
Monday, Thursday

### Report Available
15 to 19 days

### Performing Laboratory Location
Inter Science Institute

## Fees & Codes

### Fees
- Authorized users can sign in to Test Prices for detailed fee information.
- Clients without access to Test Prices can contact Customer Service 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact Customer Service.

### Test Classification
This test has not been cleared or approved by the US Food and Drug Administration.
This test was developed and its performance characteristics determined by Inter Science Institute. Values obtained with different methods, laboratories, or kits cannot be used interchangeably with the results on this report. The results cannot be interpreted as absolute evidence of the presence or absence of malignant disease.

### CPT Code Information

83519

## LOINC® Information

| Test ID | Test Order Name | Order LOINC® Value |
|---|---|---|
| FAMBT | Amyloid Beta (1-40) | 70073-2 |

| Result ID | Test Result Name | Result LOINC® Value |
|---|---|---|
| FAMBT | Amyloid Beta (1-40) | 70073-2 |