In-house Alzheimer's Disease Testing

UPSTATE UNIVERSITY HEALTH SYSTEM

APPLIES TO ALL OUTPATIENT AND INPATIENT LOCATIONS AT BOTH CAMPUSES

- There are multiple laboratory tests that can be used to assist in the diagnosis of Alzheimer's Disease
- Currently, these tests are only available through send-out testing at a reference laboratory
- Starting **February 5th 2026**, Upstate will offer **in-house** testing for the following three AD biomarkers in **CSF** using order **Alzheimer's Disease Evaluation, CSF (LAB9840)**:
- **β-Amyloid (1-42) (Abeta42), Total Tau (tTau), Phospho-Tau (181P) (pTau181)**

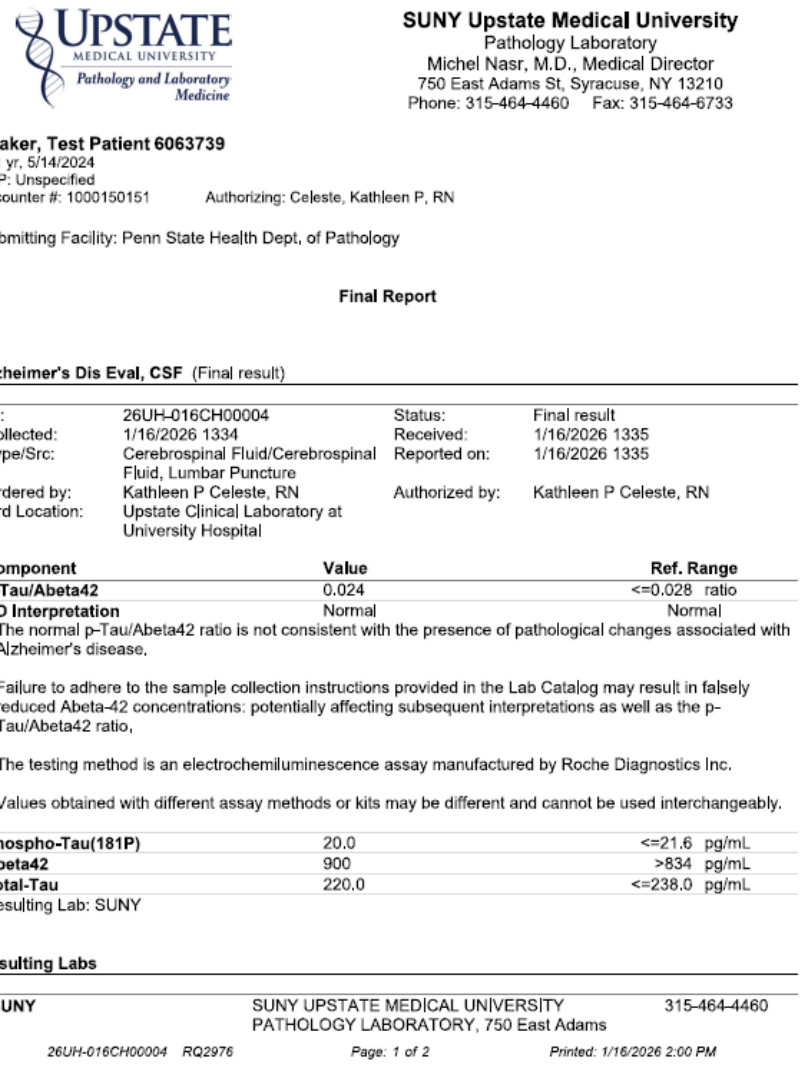
Alzheimer's Disease Evaluation, CSF (Autho... Lab LAB9840

Results of the assays are presented as calculated ratios

pTau181p/Abeta42	Interpretation
≤ 0.028	**Negative result consistent with negative amyloid PET scan result**
> 0.02	**Positive result consistent with positive amyloid PET scan result**

Positive results alone do not diagnose Alzheimer's disease; interpret in conjunction with clinical information

Correct collection procedure must be followed to allow for accurate quantitation. Please follow collection instructions in the Epic order.



UPSTATE MEDICAL UNIVERSITY
Pathology and Laboratory Medicine

SUNY Upstate Medical University
Pathology Laboratory
Michel Nasr, M.D., Medical Director
750 East Adams St, Syracuse, NY 13210
Phone: 315-464-4460 Fax: 315-464-6733

Beaker, Test Patient 6063739
F, 1 yr, 5/14/2024
PCP: Unspecified
Encounter #: 1000150151 Authorizing: Celeste, Kathleen P, RN

Submitting Facility: Penn State Health Dept, of Pathology

Final Report

Alzheimer's Dis Eval, CSF (Final result)

ID:	26UH-016CH00004	Status:	Final result
Collected:	1/16/2026 1334	Received:	1/16/2026 1335
Type/Src:	Cerebrospinal Fluid/Cerebrospinal Fluid, Lumbar Puncture	Reported on:	1/16/2026 1335
Ordered by:	Kathleen P Celeste, RN	Authorized by:	Kathleen P Celeste, RN
Ord Location:	Upstate Clinical Laboratory at University Hospital		

Component	Value	Ref. Range
p-Tau/Abeta42	0.024	<=0.028 ratio
AD Interpretation	Normal	Normal

The normal p-Tau/Abeta42 ratio is not consistent with the presence of pathological changes associated with Alzheimer's disease.

Failure to adhere to the sample collection instructions provided in the Lab Catalog may result in falsely reduced Abeta-42 concentrations: potentially affecting subsequent interpretations as well as the p-Tau/Abeta42 ratio.

The testing method is an electrochemiluminescence assay manufactured by Roche Diagnostics Inc.

Values obtained with different assay methods or kits may be different and cannot be used interchangeably.

Phospho-Tau(181P)	20.0	<=21.6 pg/mL
Abeta42	900	>834 pg/mL
Total-Tau	220.0	<=238.0 pg/mL

Resulting Lab: SUNY

Resulting Labs

SUNY	SUNY UPSTATE MEDICAL UNIVERSITY PATHOLOGY LABORATORY, 750 East Adams	315-464-4460

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Contact Core Laboratory for further information: 315-464-4459