



Laboratory Medicine Bulletin

* NEW TESTING *

Neurodegenerative Profile, CSF

Effective date	July 1, 2021
New test	St. Paul's Hospital Clinical Laboratory in Vancouver, Canada is offering "Neurodegenerative Profile, CSF" testing which includes Alzheimer's disease core CSF biomarkers: amyloid-beta 1-42, phosphorylated tau and total tau. ¹
Utilization	The test panel is only orderable by dementia specialists for clinical scenarios that meet the appropriate use criteria . ^{1,2} Physicians must complete the test-specific requisition and it is strongly recommend to submit the requisition for pre-approval to avoid cancellation of requests not meeting utilization requirements.
Cost	BC: The Providence Health Care Department of Pathology and Laboratory Medicine is currently covering the cost of testing for individuals with a BC PHN. Outside of BC: Physicians will be billed for the cost of testing (\$400 CAD). ¹
Collection kits	There are strict collection, storage and shipping requirements associated with this testing, including a special CSF collection tube that must be used at the time of the lumbar puncture. ¹
Documentation	Requisitions, collection & shipping guides, methodological information, interpretive guidance, how to request collection kits and related information can be found in the online test catalogue: https://www.ProvidenceLaboratory.com/test_catalog.php?ID=628 Please refer back to the website periodically for the most up-to-date information.
Questions?	Please contact: Dr. Mari DeMarco, PhD DABCC FCACB Clinical Chemist, Providence Health Care mdemarco@providencehealth.bc.ca Tel. 604.806.8470

1. Please visit the test catalogue for details: https://www.providencelaboratory.com/test_catalog.php?ID=628

2. Shaw LM, et al. Appropriate use criteria for lumbar puncture and cerebrospinal fluid testing in the diagnosis of Alzheimer's disease. *Alzheimer's & Dementia*. 2018; 14(11): 1505-21. <https://doi.org/10.1016/j.jalz.2018.07.220>