Name	:	**VID No.**	:
Age / Gender	:	**PID No.**	:
Contact No.	:	**Referred by**	:
Address	: ..	**Registered On**	:
Pin code	:	**Collected On**	:
		Reported On	:

Investigation	Observed Value	Unit	Biological Reference Interval
Alzheimer's Disease Screening Profile : Plasma p Tau 217 /ß Amyloid 1-42 ratio			
(EDTA Plasma , Chemiluminescence Immunoassay (CLIA))			
p Tau 217	1.02	pg/mL	
Beta Amyloid 1-42	7.00	pg/mL	
p Tau 217 /ß Amyloid 1-42 ratio	0.15000	Ratio	Refer Interpretation

Medical Remarks: Correlation with clinical history suggested.

Test Description

- The p-Tau217/β-Amyloid 1-42 plasma ratio is indicated for the evaluation of individuals 50 years of age and older who present with signs and symptoms of cognitive decline and are undergoing assessment for Alzheimer's disease.
- Plasma concentrations of p-Tau217 and β-Amyloid 1-42 reflect Alzheimer's disease–specific neuropathological changes in the brain, namely neurofibrillary tangles and amyloid plaques, respectively.
- The combined assessment of plasma p-Tau217 and β-Amyloid 1-42 (ratio) demonstrates a strong correlation with cerebral amyloid (Aβ) PET positivity and provides better discriminatory performance compared to plasma p-Tau217 alone.

Interpretation

The final result (positive, indeterminate, and negative) must be interpreted according to the table below:

pTau 217 / Beta-Amyloid 1-42 Ratio	Interpretation
Result ≤ 0.00370 = Negative	A negative result is consistent with patients who are unlikely to have amyloid pathology. These patients should be investigated for other causes of cognitive decline.
0.00371 - 0.00737 = Indeterminate	An indeterminate result is consistent with patients who are uncertain to have amyloid pathology. These patients should be considered for further testing.
Result ≥ 0.00738 = Positive	A positive result is consistent with patients who are likely to have amyloid pathology. This result does not establish a diagnosis of AD or other cognitive disorders.

NOTE: -

- This test is not intended to be used as a stand-alone test. The test results must be interpreted in conjunction with other diagnostic tools and clinical information.
- A positive result is associated with the presence of amyloid plaques or neurofibrillary tangles in the brain but does not establish a diagnosis of AD as would be established by neuropath logical examination.
- Results around the border, presumed lower cut off of 0.00370 should be interpreted with caution
- Kindly note :- Reference range only for ratio.

Associated test: A0623-(Alzheimer Disease Screening Profile, CSF)

-- End of Report --

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Sample Collected At:
Sunflower Diag. Path Lab & Child Clinic, Grd Flr, Sharad Kunj, Behind Hdfc Bank, Talaopali, Dr. Moose Road, Thane(w)Zone: C-...

Processing Location :
Processing Location Metropolis Healthcare Ltd,Unit No409-416,4th Floor,Commercial Building-1,Kohinoor Mall,Mumbai-70