

PR007774

Tau, phosphorylated tau181, amyloid beta42 and amyloid beta40 proteins in cerebrospinal fluid (CSF)

PAGE 1/1

VALID UNTIL: 01-01-2024

How to send samples?**Important!!!!**

Cerebrospinal fluid should be **collected, stored and shipped** in tubes made of polypropylene, since the concentrations of tau, phosphorylated tau181, amyloid beta42 and 40 proteins will be artificially decreased in tubes made of other materials (e.g. glass, polystyrene).

A centrifuged aliquot of cerebrospinal fluid (minimal volume 1 ml.; desirable volume 2 ml.) can be sent to our laboratory for analysis.

Note: The CSF should be preferably sent frozen on dry ice to our laboratory; only when it can be delivered to our laboratory within 24 hours after withdrawal dispatch at room temperature is possible.

Address for sending material:

Radboud University Medical Center
Radboudumc Diagnostic Laboratory
Route 815
Attn. TML, Neurochemistry, dr. MM Verbeek
PO 9101
6500 HB NIJMEGEN
The Netherlands

Contact information :

phone: #-31-24-3614567

fax: #31-24-3668754

e-mail: marcel.verbeek@radboudumc.nl

Analysis frequency

Every two weeks.

Turn-over time

Maximally 2.5 weeks.

Note: during summer and Christmas holidays the maximum turn-over time may also increase to 3 weeks, due to shortage in qualified staff.

Reference values

Parameter	Leeftijd	referentiewaarde (geldig vanaf 15-09-2019)
Amyloid β 40 eiwit	< 15 jaar	≥ 4830 pg/ml
	15-50 jaar	≥ 4830 pg/ml
	> 50 jaar	≥ 5823 pg/ml
Amyloid β 42 eiwit	< 15 jaar	≥ 470 pg/ml
	15-50 jaar	≥ 470 pg/ml
	> 50 jaar	≥ 659 pg/ml
Totaal tau (t-tau) eiwit	< 15 jaar	≤ 400 pg/ml
	15-50 jaar	≤ 400 pg/ml
	> 50 jaar	≤ 400 pg/ml
Gefosforyleerd tau (p-tau) eiwit	1- 15 jaar	≤ 54.3 pg/ml
	15-50 jaar	≤ 54.3 pg/ml
	> 50 jaar	≤ 64.0 pg/ml

Analysis costs

Please contact us