

Reporting Title: Neuron Specific Enolase, CSF

Performing Location: Rochester

Specimen Requirements:

Container/Tube: Sterile vial

Specimen Volume: 0.5 mL

Forms:

If not ordering electronically, complete, print, and send a [Neurology Specialty Testing Client Test Request](#) (T732) with the specimen.

Specimen Type	Temperature	Time	Special Container
CSF	Refrigerated (preferred)	15 days	
	Ambient	72 hours	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
NSESF	Neuron Specific Enolase, CSF	Numeric	ng/mL	44802-7

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

83520

Reference Values:

Normal: < or =15 ng/mL

Indeterminate: 15-30 ng/mL

Elevated: >30 ng/mL

Elevated results may indicate the need for additional workup. Possible causes may be neuron-specific enolase-secreting central nervous system/leptomeningeal tumor or rapid neuronal destruction from a variety of causes. In the context of dementia, elevated results may be suggestive of Creutzfeldt-Jakob disease.