ARUP Laboratories
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*****Example Report*****

Patient Age/Gender: 29 years Female
Printed: 10-Dec-18 10:34:07

Procedure	Result	Units	Ref Interval	Accession	Collected	Received	Reported/ Verified
14-3-3 Protein Tau, Total, CSF	See Note f@			18-344-900047	10-Dec-18 10:20:00	10-Dec-18 10:20:00	10-Dec-18 10:31:53

10-Dec-18 10:20:00 14-3-3 Protein Tau, Total, CSF:

Specimen Condition: Clear

Estimated probability of prion disease in this patient: >98%

Test Name (specimen)	Result	Reference Range for Non-Prion Disease
RT-QuIC (CSF)*	Positive	negative

*RT-QuIC identifies the disease-causing agent

Test Name (specimen)	Result	Reference Range for Non-Prion Disease
T-tau protein (CSF)++	>4000 pg/ml	0-1149 pg/ml
14-3-3 protein (CSF)++	Positive	negative

++indirect markers of neurodegenerative disease

A positive RT-QuIC result together with neuropsychiatric disorder meets the CDC's definition of 'probable sporadic CJD' and neuropathological evaluation of brain tissue via autopsy is able to provide a definitive diagnosis. The NPDPSC is able to offer a no-cost autopsy for this patient. Autopsy can help to delineate whether prion disease is sporadic, acquired or genetic in etiology. Laboratory staff are available to work with healthcare providers and the patient's family to plan autopsy, if desired.

These tests were developed and their performance characteristics determined by the NPDPSC and they have not been cleared or approved by the FDA. These assays should be used in conjunction with other clinical, pathological and laboratory findings. Please note, RT-QuIC and 14-3-3 protein tests cannot be performed reliably when there is a significant presence of blood in the CSF specimen.

Daniel Rhoads, M.D.

10-Dec-18 10:20:00 14-3-3 Protein Tau, Total, CSF:
Performed at: NPDPSC, 2085 Adelbert Road, Room 418, Cleveland, Ohio 44106-4907