

TEST CHANGE

Ma2/Ta Antibody, IgG by Immunoblot, CSF

3017440, MA2/TA CSF

Specimen Requirements:

Patient Preparation:

Collect: CSF

Specimen Preparation: Transfer ~~2~~¹ mL ~~CSF~~ to ~~an~~ ARUP standard transport tube. (Min: ~~10-60~~ mL)

Transport Temperature: Refrigerated.

Unacceptable Conditions: Urine, plasma. Contaminated, heat-inactivated, hemolyzed, or lipemic specimens.

Remarks:

Stability: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 month

Methodology: Qualitative Immunoblot

Note:

CPT Codes: 84182

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

IgG antibodies to Ma2/Ta are associated with paraneoplastic neurologic syndromes with phenotypes most often including a combination of limbic encephalitis, diencephalic encephalitis, and brainstem encephalitis. Patients with anti-Ma2/Ta paraneoplastic neurologic syndromes should be thoroughly evaluated for cancer, including testicular cancer and adenocarcinoma, as neurologic symptoms often precede cancer diagnosis. Use of immune checkpoint inhibitors has also been associated with an increased risk of anti-Ma2 paraneoplastic neurologic disease. Consider sending testing in serum as well as CSF to improve diagnostic yield. Results (positive or negative) should be interpreted in the context of the patient's complete clinical picture, as false positives may occur and a negative result does not exclude the diagnosis of paraneoplastic neurologic disease.

Reference Interval:

Test Number	Components	Reference Interval
	Ma2/Ta Antibody, IgG by Immunoblot, CSF	Negative