

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 5/24/2001
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Oligoclonal Band Profile

ARUP test code 0080440

Immunoglobulin G	1042 mg/dL		(Ref Interval: 768-1632)
	REFERENCE INTERVAL: Immunoglobulin G		
	Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).		
Immunoglobulin G CSF	5.2 mg/dL		(Ref Interval: 0.0-6.0)
Albumin, CSF	19 mg/dL		(Ref Interval: 0-35)
Albumin, Serum	3786 mg/dL		(Ref Interval: 3500-5200)
Albumin Index	5.0 ratio		(Ref Interval: 0.0-9.0)
CSF IgG Synthesis Rate	10.4 mg/d	H	(Ref Interval: <=8.0)
IgG Index	0.99 ratio	H	(Ref Interval: 0.28-0.66)
CSF IgG/Albumin Ratio	0.27 ratio	H	(Ref Interval: 0.09-0.25)
CSF Oligoclonal Bands	Positive	*	(Ref Interval: Negative)
Oligoclonal Bands Number, CSF	11 Bands	H	(Ref Interval: 0-1)
Interpretation	See Note		

H=High, L=Low, *=Abnormal, C=Critical

Isoelectric focusing/immunofixation revealed two or more oligoclonal bands in the CSF but no bands in the serum. This result is consistent with intrathecal synthesis of immunoglobulin and is considered to be a positive result for oligoclonal bands. Oligoclonal bands are present in approximately 95 percent of patients with multiple sclerosis but may also be present in the CSF from patients with viral or bacterial meningoencephalitis, subacute sclerosing panencephalitis, neurosyphilis, Guillain-Barre syndrome, or meningeal carcinomatosis.

Increased concentrations of IgG in the CSF is an important indicator for MS but may also be associated with increased permeability of the blood-CSF barrier, or increased local production of IgG, or both. Increased IgG production is demonstrated by an increased CSF IgG/Albumin ratio, IgG Index and IgG synthesis rate.

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Immunoglobulin G	23-114-124651	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Immunoglobulin G CSF	23-114-124651	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Albumin, CSF	23-114-124651	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Albumin, Serum	23-114-124651	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Albumin Index	23-114-124651	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
CSF IgG Synthesis Rate	23-114-124651	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
IgG Index	23-114-124651	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
CSF IgG/Albumin Ratio	23-114-124651	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
CSF Oligoclonal Bands	23-114-124651	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Oligoclonal Bands Number, CSF	23-114-124651	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Interpretation	23-114-124651	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at: