MAYO CLINIC
Mayo Medical Laboratories

LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME	PATIENT NUMBER	AGE	SEX	ACCESSION #
TESTING, MARILYN	L3MRNG9150795	14M	F	G9150795

ORDERING PHYSICIAN	CLIENT ORDER #	ACCOUNT #
		LIAISONS

COLLECTION DATE TIME	RECEIVED DATE TIME	REPORT PRINTED DATE TIME	SPECIMEN INFORMATION
05/27/10 09:18 A		06/15/10 01:09 P	DATE OF BIRTH: 3/19/2009

Test Client
Attn: Mayo Liaisons
200 First Street SW
Rochester, MN 55905
507-284-8202

TEST REQUESTED	HI LO			REF RANGE	PERFORM SITE *
Multiple Sclerosis Profile					
IgG Index, CSF	H	0.97		<=0.85	MCR
IgG, CSF		5.00	mg/dL	<=8.1	MCR
Albumin, CSF		20.00	mg/dL	<=27.0	MCR
IgG/Albumin, CSF	H	0.25		<=0.21	MCR
Synthesis Rate, CSF	H	12.12	mg/24 h	<=12	MCR
IgG, S	H	905	mg/dL	246-904	MCR
Albumin, S		3500	mg/dL	3200-4800	MCR
IgG/Albumin, S		0.3		<=0.4	MCR
Serum Bands		0	bands		MCR
CSF Bands		0	bands		MCR
CSF Olig Bands		0	bands	<4	MCR

Interpretation

The oligoclonal band assay detected 3 or less IgG bands in the CSF, which are not present in the serum. This is a Negative result.
CSF is used in the diagnosis of MS by identifying increased intrathecal IgG synthesis qualitatively (Oligoclonal Bands) or quantitatively (IgG index or IgG synthesis rate, CSF). Oligoclonal bands (4 or more CSF-specific bands) and/or an elevated CSF IgG index are detected in up to 90% of patients with MS. These findings, however, are not specific for MS as CSF-specific IgG synthesis may also be found in patients with other neurologic diseases including infectious, inflammatory, cerebrovascular, and paraneoplastic disorders.

*** PERFORMING SITE**

MCR	Mayo Clinic Dpt of Lab Med & Pathology 200 First Street SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.

PATIENT NAME	ORDER STATUS	COLLECTION DATE AND TIME
TESTING, MARILYN	Final	05/27/10 09:18 A

Specimen receipt and report times are in CST/CDT

REPRINT