

Myelin Basic Protein, Spinal Fluid

#9974

EXPLANATION OF CHANGE: Effective June 19, 2009 test #9974, Myelin Basic Protein, Spinal Fluid will no longer be available.

The most common indication for ordering the MBP test is in the differential diagnosis of MS. Elevated concentrations of MBP in the CSF is only an indication of demyelination, which can occur in clinical contexts other than MS (1). Therefore, elevated concentration of MBP in the CSF should not be considered as a diagnostic marker for MS. Recent revisions to the diagnostic criteria for MS include CSF oligoclonal IgG bands and/or increased IgG index, but not MBP measurements (2,3).

From a quality perspective, the laboratory has found it difficult to obtain satisfactory reagents on a regular basis from the manufacturer. The test kits, in many instances, have not met the laboratory's previously defined quality measures.

CLINICAL REFERENCES:

1. Watson MA and Scott MG. Clinical utility of biochemical analysis of cerebrospinal fluid. Clin Chem 41 (1995) 343-360.
2. Polman CH, Reingold SC, Edan G, Filippi M, et al. Diagnostic criteria for multiple sclerosis: 2005 revisions to the "McDonald Criteria". Ann Neurol 58 (2005) 840-846.
3. Freedman MS, Thompson EJ, Deisenhammer F, Giovannoni G, et al. Recommended standard of cerebrospinal fluid analysis in the diagnosis of multiple sclerosis; A consensus statement. Arch Neurol 62 (2005) 865-870.

RECOMMENDED ALTERNATIVE TESTS TO ASSIST IN MULTIPLE SCLEROSIS DIAGNOSIS:

UNIT CODE	TEST NAME
8017	Oligoclonal Banding, Serum and Spinal Fluid
8009	Cerebrospinal Fluid (CSF) IgG Index
83305	Multiple Sclerosis (MS) Profile (contains both analytes listed above)

NOTE: If requested, testing for myelin basic protein can be forwarded to ARUP Laboratories:

REFERRAL TEST: #91613, Myelin Basic Protein, CSF.

SPECIMEN REQUIREMENTS: 1 mL (0.4 mL min) of spinal fluid. Send specimen refrigerated.

NOTE: Label specimen appropriately (spinal fluid).

CPT CODE: 83873

LIST PRICE: \$60.75

DAY(S) SET UP: Monday, Wednesday, Friday **ANALYTICAL TIME:** 1-4 Days

Questions: Contact your Mayo Medical Laboratories' Regional Manager
Brad Bellin, Mayo Medical Laboratories' Technologist Support
Telephone: 800-533-1710



MAYO CLINIC
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TEST DEFINITION

5/19/2009

Code Name

 91613 Myelin Basic Protein

**** End of Name to order code Report ****

MML MML Test setup information

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
91613	5/14/2009		Myelin Basic Protein			
			Transport temp : Refrig 2 weeks\Frozen 3 months\Ambient NO			
			91613 Myelin Basic Protein			
			Units: ng/mL			
			NO SEX			
			All Ages : 0.00-1.10		; 0.00 - 1.10	
			MALE			
			All Ages : 0.00-1.10		; 0.00 - 1.10	
			FEMALE			
			All Ages : 0.00-1.10		; 0.00 - 1.10	
			TEST CODE ALWAYS MESSAGE - [Z91613]			
			Z91613			

Test Information: Myelin Basic Protein
 This test uses a kit designated by the manufacturer as "for research use, not for clinical use." The performance characteristics of this test were validated by ARUP Laboratories, Inc. The U.S. Food and Drug Administration (FDA) has not approved this test. The results are not intended to be used as the sole means for clinical diagnosis or patient management decisions. ARUP is authorized under the Clinical Laboratory Improvement Amendments (CLIA) and by all states to perform high-complexity testing.

Test Performed by: ARUP Laboratories, Inc.
 500 Chipeta Way
 Salt Lake City, UT 84108

MML

MML Test setup information

*Performing Site Legend

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*** End of Report ***

MML

Messages used as normals

CODE

TEXT

Total of 0 normals codes

*** End of Report ***