MAYO
Mayo Medical Laboratories
1-800-533-1710

NEW TEST ANNOUNCEMENT REFERRAL
NOTIFICATION DATE: September 13, 2012
EFFECTIVE DATE: Immediately

WEST NILE VIRUS ANTIBODY PANEL, ELISA (CSF)
Test ID: FWNSF

EXPLANATION: The following new orderable unit code, referred to Focus Diagnostics, Inc., is available immediately for temporary referral during test down for Mayo test(s).

NOTE: This test will become obsolete when Mayo Test ID: WNVC, West Nile Virus (WNV) Antibody, IgG and IgM, Spinal Fluid resumes.

REFERRAL LAB CODE: 60428

METHODOLOGY: ELISA, Enzyme Linked Immunosorbent Assay

REFERENCE VALUES:
REFERENCE RANGE: IgG <1.30
IgM <0.90

INTERPRETIVE CRITERIA
IgG: <1.30 Antibody not detected
1.30 - 1.49 Equivocal
>=1.50 Antibody detected

IgM: <0.90 Antibody not detected
0.90 - 1.10 Equivocal
>1.10 Antibody detected

In the very early stages of acute West Nile Virus (WNV) infection, IgM may be detectable in CSF before it becomes detectable in serum. Antibodies induced by other flavivirus infections (e.g., Dengue, St. Louis Encephalitis) may show crossreactivity with WNV; thus, antibody detection using this panel is not diagnostically conclusive for WNV infection. Final diagnosis would be based on clinical assessment and confirmatory assays, such as the plaque reduction neutralization test. WNV antibody results for CSF should be interpreted with caution. Complicating factors include low antibody levels found in CSF, passive transfer of antibody from blood, and contamination via bloody taps.

SPECIMEN REQUIREMENTS:
1 mL of spinal fluid (CSF). Refrigerate specimen after collecting, and ship at refrigerate temperature in a sterile, plastic screw-cap vial.

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
CSF	Refrigerate (preferred)	14 days
	Frozen	30 days

FEE: $ 126.38

CPT CODE: 86788 - IgM
86789 - IgG

DAY(S) SET UP: Monday through Friday **ANALYTIC TIME**: 2 - 4 days

QUESTIONS: Contact Mary Erath, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710