MICHIGAN MEDICINE
UNIVERSITY OF MICHIGAN
LABORATORIES

Test Update 905

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Update Type New Tests
CPT Code 89051, 82945, 84157

NEW TEST FOR INPATIENT ORDERS

CSF Analysis with reflex to MEPAN

Order Code: MRP

Fee Code: 22502, 22226, 22228 (CPT 89051, 82945, 84157

Michigan Medicine Laboratories will begin offering a new test for **inpatient** orders, CSF Analysis with reflex to MEPAN (order code MRP), effective April 16, 2025.

MRP will include the following components:

CSFCD	Cerebrospinal Fluid Count and Differential
GLCSF	Glucose Level, CSF
PRCSF	Protein Level, CSF
MPRT	MEPAN Reflex Request

When MRP is ordered, the Meningitis/Encephalitis Panel (order code MEPAN) will be automatically performed on CSF specimens that meet any of the following criteria:

- WBC > 5 cells/mm^3
- Protein > 50 mg/dL
- Glucose < 40 mg/dL

The MEPAN assay can also be ordered independently (requires Michigan Medicine Infectious Disease or Laboratory Director approval for MLabs client orders) when used as recommended by febrile infant guidelines (0-60 days old).

The BioFire® Meningitis/Encephalitis PCR Panel (MEPAN) detects **14 common viral, bacterial, and fungal pathogens** that cause meningitis and encephalitis, provides **rapid results** (within 1–2 hours of receipt) and is available 24 hours a day, 7 days a week.

Note that standalone testing for Enterovirus has been discontinued by the manufacturer but is available as a routine part of this panel.

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