MENINGITIS/ENCEPHALITIS PANEL, CSF

Effective 04/20/2016, the Molecular Pathology laboratory is offering a qualitative multiplexed nucleic acid--based in vitro diagnostic test for meningitis/encephalitis using the BioFire FilmArray assay. This test is for the detection of multiple viral, bacterial and yeast nucleic acids directly from CSF specimens. Collect specimens via lumbar puncture from individuals with signs and/or symptoms of meningitis and/or encephalitis.

Viruses
- Cytomegalovirus (CMV)
- Enterovirus (EV)
- Human parechovirus
- Varicella zoster virus (VZV)

Bacteria
- Escherichia coli K1
- Listeria monocytogenes
- Streptococcus agalactiae
- Haemophilus influenzae
- Neisseria meningitides (encapsulated)
- Streptococcus pneumoniae

Yeast
- Cryptococcus neoformans/gattii

SAMPLE REQUIREMENTS
- Collect: 0.5 mL CSF specimen collected via lumbar puncture
- Minimum volume: 200 μL of CSF (0.2 mL)
- Transport: Transport at room temperature immediately after collection
- Storage: Stable for 24 hours at ambient temperature
- Stable for 7 days at 2°C to 8°C
- Processing: Do NOT centrifuge specimens

RESULTS
- Positive or negative for each viral, bacterial and yeast target.
  - Positive: Target nucleic acid detected
  - Negative: Target nucleic acid not detected

TURN AROUND TIME
- Turn around time for results will be 24 to 72 hours, 7 days / week

If you have questions or need additional information please contact Laboratory Client Services at 734-7373 or email patholclientserv@ucdavis.edu.

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