Japanese Encephalitis Virus Antibody IgG by ELISA

ARUP test code 2005687

**Japanese Encephalitis Virus Antibody IgG**

Interpretive Information:

1. **1.3 IV** (Ref Interval: <=4.9)
   - Negative - No significant level of detectable Japanese encephalitis virus (JEV) IgG antibody.

2. **1.9 or less**
   - Negative - No significant level of detectable Japanese encephalitis virus (JEV) IgG antibody.

3. **2.0 - 4.9 IV**
   - Equivocal - Questionable presence of JEV IgG antibody. Repeat testing in 10-14 days may be helpful.

4. **5.0 IV or greater**
   - Positive - JEV IgG antibody detected, which may indicate a current or past infection.

Patients in the early stage of JEV infection may not have a detectable level of IgG antibody; IgG response may take several days or weeks to develop. In the absence of detectable IgG, testing for IgM-class antibody is strongly recommended. A positive result (5.0 IV or greater) indicates the presence of IgG antibodies to a flavivirus in the Japanese encephalitis serogroup or dengue. Cross-species plaque reduction neutralization tests on paired acute and convalescent sera are an acceptable means of determining which flavivirus has caused this antibody production.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

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**VERIFIED/REPORTED DATES**

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