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AR10531PU-L

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Tick-Born Encephalitis Virus NE/GE/CE/gE - Purified

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|----------------------|---|
| Catalog No.: | AR10531PU-L |
| Quantity: | 1 mg |
| Background: | <p>TBE is caused by tick-borne encephalitis virus (TBEV), a member of the family Flaviviridae. A closely related virus in Far Eastern Eurasia, Russian spring-summer encephalitis virus (RSSEV).</p> <p>The family Flaviviridae includes other tick-borne viruses are closely related to TBEV and RSSEV, such as Omsk hemorrhagic fever virus & Kyasanur Forest virus. Louping ill virus is also a member of this family.</p> |
| Source: | E. coli |
| Format: | <p>Purity: >95% pure as determined by 10% PAGE (coomassie staining).</p> <p>Purification Method: Encephalitis protein was purified by proprietary chromatographic technique.</p> <p>Buffer System: 20mM MES pH 6.5, 8M Urea, 200 mM NaCl and 0.05% Tween-20</p> |
| Applications: | <p>Encephalitis antigen is suitable for ELISA and Western blots, excellent antigen for detection of Tick-Borne encephalitis virus with minimal specificity problems.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p> |
| Description: | <p>The <i>E.coli</i> derived recombinant protein NE/CE/GE contains the Tick-borne encephalitis virus N-terminus and C-terminus of glycoprotein E regions.</p> <p>Specificity: Immunoreactive with sera of encephalitis virus infected individuals.</p> |
| Storage: | <p>Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.</p> <p>Avoid repeated freezing and thawing.</p> <p>Shelf life: one year from despatch.</p> |