

Tick-Born Encephalitis Virus gE (50-250) - Purified

Catalog No.:	AR10532PU-S
Quantity:	0.1 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.</p> <p>Louping ill virus is also a member of this family.</p>
Source:	E. coli
Format:	<p>Purity: Encephalitis protein is >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, 200mM 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 contains the Tick-borne Encephalitis Virus glycoprotein E middle regions, 50-250 amino acids.</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>