

## Tick-Born Encephalitis Virus NE/gE - Purified

<b>Catalog No.:</b>	AR10528PU-N
<b>Quantity:</b>	0.5 mg
<b>Background:</b>	<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 &amp; Kyasanur Forest virus. Louping ill virus is also a member of this family.</p>
<b>Source:</b>	E. coli
<b>Format:</b>	<p><b>Purity:</b> &gt;95% pure as determined by 10% PAGE (coomassie staining).</p> <p><b>Purification Method:</b> Encephalitis protein was purified by proprietary chromatographic technique.</p> <p><b>Buffer System:</b> 20mM MES pH 6.5, 8M Urea, 200mM NaCl and 0.05% Tween-20</p>
<b>Applications:</b>	<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>
<b>Description:</b>	<p>The <i>E.coli</i> derived recombinant 37 kDa protein NE contains the Tick-borne encephalitis virus N-terminus regions of glycoprotein E.</p> <p><b>Specificity:</b> Immunoreactive with sera of encephalitis virus infected individuals.</p>
<b>Storage:</b>	<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>