

# Product Data Sheet

## Native Antigen



<b>Product name</b>	Tick-borne encephalitis (TBE) Virus Antigen - Premium	
<b>Order no.</b>	BA112VS	
<b>Lot no.</b>	Lot specific	
<b>Agent</b>	Tick-borne encephalitis virus, strain Moscow B-4	
<b>Culture system</b>	Vero cell culture	
<b>Preparation</b>	Supernatant from infected culture is concentrated by centrifugation and purified by size exclusion chromatography. The resulting antigen preparation is presented in MOPS buffer at pH 8.0, containing non-ionic detergent.	
<b>Inactivation</b>	β-Propiolactone treatment. Inactivity is confirmed by attempted growth under original culture conditions. Since no procedure can guarantee absolute sterility, the reagent should be handled with appropriate safety precautions.	
<b>Preservatives</b>	None	
<b>Protein concentration</b>	Lot specific, specified in mg/mL	Determined by Bradford assay (BioRad) using BSA as standard.
<b>Analysis</b>	By SDS-PAGE and ELISA	
<b>Storage</b>	-65 °C or lower	Avoid repeated freeze-thaw cycles.
<b>Date of manufacture</b>	Lot specific	
<b>Expiry date</b>	10 years from date of manufacture (under recommended storage conditions)	
<b>Manufacturer</b>	Institut Virion\Serion GmbH, Germany	

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