

Product Data Sheet – Recombinant Antigen

Name of product	Zika Virus NS1
Order No.	BA149R01
Lot No.	Lot specific
Source	Recombinant protein, expressed in the <i>Drosophila melanogaster</i> S2 cell-based expression system ExpreS ² (TM)
Product description	Zika virus, recombinant NS1 protein (full length). Molecular mass: 43 kDa
Purification	By chromatography
Presentation	The protein is presented in 50 mM HEPES/NaOH pH 8.0, 150 mM NaCl and 10 % glycerol.
Storage	-65 °C or below. Avoid repeated freeze-thaw cycles.
Date of manufacture	Lot specific
Expiry	10 years from date of manufacture (when stored under recommended conditions)
Manufacturer	Institut Virion\Serion GmbH, Germany

For research or manufacturing use only. Not for use in diagnostic procedures.

2019-09-09

Analysis:

Test	Method	Specification
Protein concentration	UV absorption measurement (280 nm)	0.5 – 2 mg/mL
Identity / Purity	SDS-PAGE (reducing)	Major bands comparable to Reference Standard
Immunoreactivity	SERION ELISA classic Zika Virus IgG (ESR149G) and IgM (ESR149M)	QC serum panel (multiple negative, borderline and positive sera) within defined reactivity range
Bioburden	Membrane filtration test	≤ 100 cfu/mL