



Product Data Sheet – Recombinant Antigen

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| 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 (™) |
| 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 |