Product Data Sheet – Recombinant Antigen

Name of product	West Nile 6His-4xED3
Order No.	BA141VSR14
Lot No.	Lot specific
Source	E. coli derived recombinant protein
Product description	The protein contains the ED3 domain of West Nile virus lineage 1, lineage 2 and strain Kunjin. Molecular mass: 52 kDa
Purification	By chromatography
Presentation	The protein is presented in buffer containing 50 mM Tris/HCl pH 8.0, 500 mM NaCl and 8 M urea.
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.

2024-12-05

Analysis:

Test	Method	Specification
Protein concentration	Bradford assay (Bio-Rad) with BSA as reference standard	1 – 5 mg/mL
Identity / Purity	SDS-PAGE (reducing)	Major bands comparable to Reference Standard
Immunoreactivity	SERION ELISA classic West Nile Virus IgG (ESR141G)	QC serum panel (multiple negative, borderline and positive sera) within defined reactivity range

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