Product Data Sheet – Recombinant Antigen

Name of product	Rubella Spike Ectodomain (E1-E2)
Order No.	BA129R01
Lot No.	Lot specific
Source	Recombinant protein, expressed in insect cells
Product description	Spike glycoprotein ectodomain (spikes comprised of multiple E1 and E2 domains) of Rubella virus strain HPV-77. Molecular weight: 78 kDa.
Affinity tag	Strep-tag
Purification	By chromatography
Presentation	The protein is presented in a buffer formulation containing HEPES/NaOH, NaCl, arginine and 10 % glycerol at pH 10.
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.

2024-08-13

Analysis:

Test	Method	Specification
Protein concentration	UV absorption measurement (280 nm)	1 – 2 mg/mL
Identity / Purity	SDS-PAGE (reducing)	Major bands comparable to Reference Standard
Immunoreactivity	SERION ELISA classic Rubella IgG (ESR129G) and IgM (ESR129M)	QC serum panel (multiple negative, borderline and positive sera) within defined reactivity range
Bioburden	Membrane filtration test	≤ 100 cfu/mL

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