Product Data Sheet – Recombinant Antigen

Name of product	Rubella VLP
Order No.	BA129R02
Lot No.	Lot specific
Source	Recombinant protein, expressed in HEK293-T cells
Product description	Recombinant expression of rubella structural polyproteins (E1, E2, Capsid) in mammalian cells leads to self-assembly and secretion of high-quality Rubella VLPs
Purification	By chromatography
Presentation	The Protein is presented in 50 mM carbonate, 150 mM NaCl, 0.0098 % ProClin 950 and 20% sucrose, pH 10,0
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.

2025-11-25

Analysis:

Test	Method	Specification
Protein concentration	Bradford assay (Bio-Rad) with BSA as reference standard	0.5 – 2.5 mg/mL
Identity / Purity	SDS-PAGE (reducing)	Major bands comparable to Reference Standard
Homogeneity	Dynamic Light Scattering (DLS) Analysis	≥ 85 %
Immunoreactivity	Bead-based Immunoassay IgG and IgM	QC serum panel (spanning the reactivity range of the assay) within specified range

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