Product Data Sheet – Recombinant Antigen

Name of product	Human Parvovirus B19, VP2 VLP
Order No.	BA122R01
Lot No.	Lot specific
Source	Recombinant protein, expressed in SF9 insect cells
Product description	Human Parvovirus B19, recombinant VP2 VLPs (VP2 virus like particles, conformational epitopes, VP1 aa 228-781)
Affinity tag	His-tag
Purification	By chromatography
Presentation	The antigen is presented in phosphate buffered saline at pH 7.4, containing 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. 2024-01-05

Analysis:

Test	Method	Specification
Protein concentration	Bradford assay (Bio-Rad) with BSA as reference standard	0,5 – 2 mg/mL
Identity / Purity	SDS-PAGE (reducing)	Major bands comparable to Reference Standard
Immunoreactivity	SERION ELISA classic Parvovirus B19 IgG (ESR122G) and IgM (ESR122M)	QC serum panel (multiple negative, borderline and positive sera) within defined reactivity range
Bioburden	Membrane filtration test	≤ 100 cfu/mL

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