

Product Data Sheet – Native Antigen

Name of product	Varicella Zoster Virus (VZV) Glycoprotein
Order No.	BA104VSG
Lot No.	Lot specific
Agent	Varicella zoster virus, strain Ellen
Culture system	HEL 299 cell culture
Preparation	Infected cells are extracted by detergent treatment. Glycoproteins from this extract are isolated by Lectin affinity chromatography. The resulting antigen is presented in 100 mM glycine buffer, pH 9.5. Residual amounts of detergent may be present.
Pathogen inactivation	Detergent and β -propiolactone treatment. No specific biological hazards are known to be associated with this product. It should be handled with appropriate safety precautions for biological materials.
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.

2018-01-15

Analysis:

Test	Method	Specification
Protein concentration	Bradford assay (Bio-Rad) with BSA as reference standard	0.5 – 3 mg/mL
Immunoreactivity	SERION ELISA classic Varicella Zoster Virus IgG (ESR104G)	QC serum panel (multiple negative, borderline and positive sera) within defined reactivity range
Inactivation assay	Attempted pathogen recultivation under original culture conditions	No propagation observed
Bioburden	Membrane filtration test	≤ 100 cfu/mL