

Product Data Sheet – Native Antigen

Name of product	Respiratory Syncytial Virus (RSV) Antigen
Order No.	BA113VS
Lot No.	Lot specific
Agent	Respiratory syncytial virus, strain Long
Culture system	Vero cell culture
Preparation	RSV infected cells are harvested and virus is extracted by alkaline treatment and sonication. The suspension is purified by centrifugation. The resulting antigen preparation consists of virus and viral components and residual host cell material. The antigen is presented in 100 mM glycine buffer, pH 9.5.
Pathogen inactivation	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. Sonicate before use.
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.

2023-09-28

Analysis:

Test	Method	Specification
Protein concentration	Bradford assay (Bio-Rad) with BSA as reference standard	1 – 5 mg/mL
Immunoreactivity	SERION ELISA classic Respiratory Syncytial Virus IgA (ESR113A), IgG (ESR113G) and IgM (ESR113M)	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