

Product Data Sheet – Native Antigen

Name of product	Rotavirus Antigen
Order No.	BA1193VS
Lot No.	Lot specific
Agent	Simian rotavirus, strain SA11
Culture system	MA-104 cells
Preparation	Virus is extracted from infected cells and concentrated from cell culture supernatant. The viral material is inactivated by detergent treatment and further purified by size exclusion chromatography. The antigen is presented in 50 mM Tris/HCl, 300 mM NaCl at pH 7.4.
Pathogen inactivation	Detergent 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	Report in mg/mL
Identity / Purity	SDS-PAGE (reducing)	Major bands comparable to Reference Standard
Immunoreactivity	Direct ELISA	Serum panel within defined reactivity range when compared to reference antigen
Inactivation assay	Attempted pathogen recultivation under original culture conditions	No propagation observed