

## Product Data Sheet – Native Antigen

<b>Name of product</b>	Parainfluenza Virus Type 1 Antigen
<b>Order No.</b>	BA1261VS
<b>Lot No.</b>	Lot specific
<b>Agent</b>	Parainfluenza virus type 1, strain Sendai (Murine parainfluenza 1 / Sendai Virus)
<b>Culture system</b>	MDCK cell culture
<b>Preparation</b>	Virus is extracted and separated from host cells, further purified by size exclusion chromatography and concentrated. The antigen is presented in Tris/NaCl buffer at pH 7.4.
<b>Pathogen inactivation</b>	$\beta$ -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.
<b>Storage</b>	-65 °C or below. Avoid repeated freeze-thaw cycles. Sonicate before use.
<b>Date of manufacture</b>	Lot specific
<b>Expiry</b>	10 years from date of manufacture (when stored under recommended conditions)
<b>Manufacturer</b>	Institut Virion\Serion GmbH, Germany

*For research or manufacturing use only. Not for use in diagnostic procedures.*

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### Analysis:

Test	Method	Specification
<b>Protein concentration</b>	Bradford assay (Bio-Rad) with BSA as reference standard	1 – 3 mg/mL
<b>Immunoreactivity</b>	SERION ELISA classic Parainfluenza Virus IgG (ESR126G)	QC serum panel (multiple negative, borderline and positive sera) within defined reactivity range
<b>Inactivation assay</b>	Attempted pathogen recultivation under original culture conditions	No propagation observed
<b>Bioburden</b>	Membrane filtration test	$\leq$ 100 cfu/mL