

Product Data Sheet – Native Antigen

Name of product	Chlamydia pneumoniae Antigen
Order No.	BA1371VSER
Lot No.	Lot specific
Agent	Chlamydophila pneumoniae, TWAR strain TW-183
Culture system	BGM cell culture
Preparation	Chlamydophila pneumoniae elementary and reticular bodies, purified from infected host cells by density gradient centrifugation. Presented in phosphate buffered saline, pH 7.5.
Pathogen inactivation	Heat treatment and sonication. 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.

2018-01-15

Analysis:

Test	Method	Specification
Protein concentration	Bradford assay (Bio-Rad) with BSA as reference standard	0.2 – 2 mg/mL
Identity / Purity	SDS-PAGE (reducing)	Major bands comparable to Reference Standard
Immunoreactivity	SERION ELISA classic Chlamydia pneumoniae	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