

Product Data Sheet – Native Antigen

Name of product	Campylobacter jejuni Antigen
Order No.	BA139VS
Lot No.	Lot specific
Agent	Campylobacter jejuni subsp. jejuni
Culture system	Solid medium
Preparation	Partially purified detergent extract of the membrane fraction. The antigen is presented in water. The main component is an outer membrane protein with approximately 45 kDa in SDS-PAGE.
Pathogen inactivation	Disruption and 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. 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	1 – 6 mg/mL
Identity / Purity	SDS-PAGE (reducing)	Major bands comparable to Reference Standard
Immunoreactivity	SERION ELISA classic Campylobacter jejuni IgA (ESR139A), IgG (ESR139G) and IgM (ESR139M)	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