Product Data Sheet – Native Antigen

Name of product	Adenovirus Type 2 Hexon
Order No.	BA128VS
Lot No.	Lot specific
Agent	Adenovirus Type 2, strain Adenoid 6
Culture system	HEp-2 cell culture
Preparation	Adenovirus infected cells are lysed, solvent treated to remove cellular components and ultracentrifuged to remove whole virus particles. Hexon antigen is purified from the centrifugation supernatant by ion exchange chromatography. The antigen is presented in 30 mM Bis-Tris Propane buffer at pH 6.8 containing sodium chloride.
Pathogen inactivation	Whole infective virus particles are removed by ultracentrifugation and chromatography. 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. 2026-05-07

Analysis:

Test	Method	Specification
Protein concentration	UV absorption measurement (280 nm)	0.5 – 6 mg/mL
Identity / Purity	SDS-PAGE (reducing)	Major bands comparable to Reference Standard
Immunoreactivity	SERION ELISA classic Adenovirus IgA (ESR128A) and IgG (ESR128G)	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

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