

Product Data Sheet – Recombinant Antigen

Name of product	Borrelia afzelii PKo OspC
Order No.	BA121R02
Lot No.	Lot specific
Source	E. coli derived recombinant protein
Product description	The protein contains a fragment of OspC (Outer surface protein C) from Borrelia afzelii strain PKo. Molecular mass: 22 kDa
Purification	By chromatography
Presentation	The protein is presented in buffer containing 4 M Guanidine-HCl, PBS pH 7.4.
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.

2018-03-09

Analysis:

Test	Method	Specification
Protein concentration	UV absorption measurement (280 nm)	2 – 6 mg/mL
Identity / Purity	SDS-PAGE (reducing)	Major bands comparable to Reference Standard
Immunoreactivity	SERION ELISA classic Borrelia burgdorferi IgM (ESR121M)	QC serum panel (multiple negative, borderline and positive sera) within defined reactivity range