

## Product Data Sheet – Recombinant Antigen

<b>Name of product</b>	EBV Capsid Antigen P18
<b>Order No.</b>	BA1361VSR22
<b>Lot No.</b>	Lot specific
<b>Source</b>	E. coli derived recombinant protein
<b>Product description</b>	Epstein-Barr virus (EBV), recombinant capsid antigen P18. Molecular mass: 45 kDa
<b>Purification</b>	By chromatography
<b>Presentation</b>	The protein is presented in buffer containing 50 mM Tris/HCl pH 7.4, 500 mM NaCl and 8 M urea.
<b>Storage</b>	-65 °C or below. Avoid repeated freeze-thaw cycles.
<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.*

2018-01-15

### Analysis:

Test	Method	Specification
<b>Protein concentration</b>	Bradford assay (Bio-Rad) with BSA as reference standard	0.5 – 2 mg/mL
<b>Identity / Purity</b>	SDS-PAGE (reducing)	Major bands comparable to Reference Standard
<b>Immunoreactivity</b>	SERION ELISA classic Epstein-Barr Virus VCA IgG (ESR1361G)	QC serum panel (multiple negative, borderline and positive sera) within defined reactivity range