

## Product Data Sheet Native Antigen



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|------------------------------|--|--|
| <b>Product name</b>          | Borrelia afzelii Antigen   |  |
| <b>Order no.</b>             | BA121VS  |  |
| <b>Lot no.</b>               | Lot specific   |  |
| <b>Agent</b>                 | Borrelia afzelii, strain PKo   |  |
| <b>Culture system</b>        | Broth culture  |  |
| <b>Preparation</b>           | Harvested bacteria are washed and detergent solubilised to produce a cytoplasmic extract enriched with lipoproteins and outer surface proteins (OSPs). The antigen is presented in phosphate buffered saline containing 1 % n-octyl- $\beta$ -D-glucopyranoside. |  |
| <b>Inactivation</b>          | Detergent treatment. Inactivity is confirmed by attempted growth under original culture conditions. Since no procedure can guarantee absolute sterility, the reagent should be handled with appropriate safety precautions.                                      |  |
| <b>Preservatives</b>         | None   |  |
| <b>Protein concentration</b> | Lot specific, specified in mg/mL   | Determined by Bradford assay (BioRad) using BSA as standard. |
| <b>Analysis</b>              | By ELISA   |  |
| <b>Storage</b>               | -65 °C or lower  | Avoid repeated freeze-thaw cycles. Sonicate before use.      |
| <b>Date of manufacture</b>   | Lot specific   |  |
| <b>Expiry date</b>           | 10 years from date of manufacture (under recommended storage conditions)   |  |
| <b>Manufacturer</b>          | Institut Virion\Serion GmbH, Germany   |  |

- ✓ For *in vitro* investigational use only. Not for use in diagnostic or therapeutic procedures.
- ✓ If skin contact occurs, wash contacted area thoroughly with soap and water. If irritation occurs, consult a physician.