

## Certificate of Analysis

**Name:** Borrelia Afzelii Antigen

**Product Code:** NAT41583-100 / NAT41583-500

**Batch #:**

**Date of Manufacture:**

**Product Description:** Harvested bacteria are washed and detergent solubilized 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.

**Strain/Isolate:** PKo

**Health and Safety:** This bacterial preparation has been inactivated by detergent treatment. Attempted pathogen recultivation under original culture conditions resulted in no propagation being observed (sterility assurance level [SAL]  $\leq 10^{-6}$ ). No specific biological hazards are known to be associated with this product. It should be handled with appropriate safety precautions for biological materials and local biosafety procedures should be maintained at all times.

**Amount:** 0.1 mg / 0.5 mg

**Concentration:** mg/ml

**Immunoreactivity:** QC serum panel (multiple negative, borderline and positive sera) within defined reactivity range in Borrelia burgdorferi IgG and IgM ELISA.

**Presentation:** Liquid

**Buffer:** PBS with 1 % n-octyl- $\beta$ -D-glucopyranoside

### Usage Guidelines

**Short Term Storage:** -80°C

**Long Term Storage:** -80°C

**General:** Avoid repeated freeze-thaw cycles. Sonicate before use.

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QC

X

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QA

**Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.**