

Product Data Sheet – Native Antigen

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| Name of product | HSV-1 Antigen |
| Order No. | BA1051VS |
| Lot No. | Lot specific |
| Agent | Herpes simplex virus 1, strain F |
| Culture system | Vero cell culture |
| Preparation | Virus extracted from infected cells is concentrated by ultracentrifugation and further purified by ultracentrifugation through sucrose. The preparation is resuspended and homogenised. The resulting antigen consists of a high concentration of virus and viral components and may contain residual host cell material. The antigen is presented in 100 mM glycine buffer, pH 9.5. |
| Pathogen inactivation | β -Propiolactone treatment. 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.

2018-01-15

Analysis:

| Test | Method | Specification |
|------------------------------|--|--|
| Protein concentration | Bradford assay (Bio-Rad) with BSA as reference standard | Report in mg/mL |
| Immunoreactivity | SERION ELISA classic Herpes Simplex Virus 1 IgM (ESR1051M) | 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 |