

## Datasheet: PIP009

**BATCH NUMBER 158887**

<b>Description:</b>	NATIVE HERPES SIMPLEX VIRUS 1
<b>Name:</b>	HERPES SIMPLEX VIRUS 1
<b>Format:</b>	Inactivated Pathogen
<b>Product Type:</b>	Antigen
<b>Quantity:</b>	1 ml

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

### Target Species

Viral

### Product Form

Inactivated Herpes simplex virus 1 - liquid

### Preparation

Herpes simplex virus 1, MacIntyre strain, cultured in BSC-1, a cell line derived from African Green monkey kidney. Herpes simplex virus 1 antigen is collected from both the cell and supernatant phases of tissue culture. The antigen is harvested by disrupting optimally infected monolayers in the tissue culture medium. Cellular debris is removed by centrifugation. The antigen preparation is inactivated using gamma radiation, which primarily damages viral genetic material.

### Buffer Solution

Tissue culture medium

### Preservative Stabilisers

None present

### Approx. Protein Concentrations

Total protein concentration 1.9 mg/ml

### Product Information

Herpes simplex virus 1 (HSV-1) belongs to Herpesviridae, a family of viruses with several

members that invade the human nervous system, causing a variety of illnesses including cold sores, chickenpox, shingles and various cancers. Herpes viruses may also cause encephalitis or infectious corneal blindness. HSV is transmitted during close contact with an infected person who is shedding virus from the skin, in saliva or in secretions from the genitals and commonly persists in latent infection.

This Native Herpes simplex Virus 1 product contains a high concentration of virus particles and components in tissue culture medium containing a low concentration of bovine serum. Some residual host cellular material is present.

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**Activity** Antigenic activity is 71% of internal reference standard

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**Instructions For Use** This product should be sonicated immediately before use to ensure the preparation is uniform. The product may be used in a variety of immunoassay formats or may be further purified to meet the requirements of a particular assay format.

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**Storage** Store at -70°C.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10286 available at:  
<https://www.bio-rad-antibodies.com/SDS/PIP009>  
10286

This product has been rendered inactive by standard procedures. However this material should still be handled as infectious and should be disposed of appropriately.

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**Regulatory** For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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