

## Datasheet: MPP013

<b>Description:</b>	HERPES SIMPLEX VIRUS 2
<b>Name:</b>	HERPES SIMPLEX VIRUS 2
<b>Other names:</b>	HSV2
<b>Format:</b>	Inactivated Pathogen
<b>Product Type:</b>	Antigen
<b>Quantity:</b>	0.2 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 HSV2 - frozen

#### Preparation

HSV2 is propagated in mammalian cells using a protocol optimised for maximum particle yield. At the appropriate time, infected cells are washed in saline and disrupted to release virus particles by freeze thaw and sonication.

Virus particles are purified twice by sucrose density gradients. This process also includes a DNase step to remove cellular DNA.

The product is inactivated by heating to 56°C for 2 hours and by the addition of Triton X-100. Inactivity is confirmed by double blind passage.

#### Buffer Solution

Phosphate buffered saline

0.1% Triton X-100

#### Preservative Stabilisers

None present

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**Product Information** **Highly purified Herpes simplex Virus 2 preparation** has been derived from HSV2 infected mammalian cell cultures and following viral release virions were purified by multiple density centrifugation techniques.

Herpes simplex virus 2 (HSV2) is a member of the Herpesviridae viral family. It is a neurotropic virus that causes watery blisters on the skin or mucous membranes of humans. It is contagious and can be spread by close contact with an infected person who is producing and shedding virus from the skin. The virus is mostly latent in nerve cells of the body, but can occasionally travel to the skin, start shedding and may or may not produce the characteristic blisters. HSV1 is normally found on the genitals, but may also be associated with cold sores on the mouth or lips. There is no known cure for HSV infection and an infected person remains a carrier for life, however treatment can reduce viral shedding.

For a cell lysate format, please see [MPP012](#).

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**Activity** 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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**Purity** >99%

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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. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee** 18 months from date of despatch.

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**Health And Safety Information** Material Safety Datasheet documentation #10524 available at: 10524: <https://www.bio-rad-antibodies.com/uploads/MSDS/10524.pdf>

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**Regulatory** For research purposes only

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