# Datasheet: PIP016

**BATCH NUMBER 150422**

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| **Description:** | NATIVE PARAINFLUENZA VIRUS 2 |
| **Name:** | PARAINFLUENZA VIRUS 2 |
| **Other names:** | HPIV-2 |
| **Format:** | Inactivated Pathogen |
| **Product Type:** | Antigen |
| **Quantity:** | 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.

| | 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.

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| **Target Species** | Viral |
| **Product Form** | Inactivated Parainfluenza virus 2 - liquid |
| **Preparation** | Parainfluenza virus 1, VP1 strain, cultured in Vero cells. Optimally infected monolayers are harvested, disrupted by sonication and subjected to low speed centrifugation. The clarified cell lysate is pooled with supernatant from the infected culture and concentrated using crossflow ultrafiltration with a 30,000 molecular cutoff. The antigen preparation is inactivated using gamma radiation. |
| **Buffer Solution** | Tissue Culture Media |
| **Preservative Stabilisers** | None present |
| **Approx. Protein Concentrations** | Total protein concentration 2.26 mg/ml |
| **Product Information** | **Native Parainfluenza Virus 2** contains a high concentration of virus and viral |

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| | components. The preparation also contains some cellular material suspended in Tissue Culture Media.<br><br>Parainfluenza virus 2 is one of four serotypes of parainfluenza viruses in the paramoxyvirus family. Parainfluenza viruses are the second most common cause of lower respiratory tract infections in young children. Parainfluenza virus 2 causes upper and lower respiratory tract illnesses and croup. |
| **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. |
| **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. |
| **Storage** | Store at -70°C.<br>Storage in frost-free freezers is not recommended.<br>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. |
| **Guarantee** | 18 months from date of despatch |
| **Health And Safety Information** | Material Safety Datasheet documentation #10286 available at:<br>https://www.bio-rad-antibodies.com/SDS/PIP016<br>10286 |
| **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

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