Datasheet: PIP016

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.

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	Current, batch-specific concentration 2.4 mg/ml
Product Information	**Native Parainfluenza Virus 2** contains a high concentration of virus and viral components. The preparation also contains some cellular material suspended in Tissue

	Culture Media. 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^{o}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.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10286 available at: https://www.bio-rad-antibodies.com/SDS/PIP016 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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