

 Telephone:
 509-334-5815

 Fax:
 509-332-5356

 E-mail:
 vmrd@vmrd.com

 Web site:
 http://www.vmrd.com

Certificate of Analysis

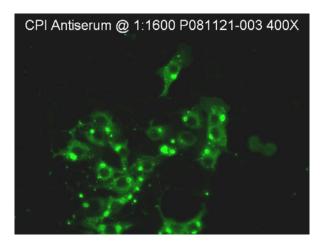
CANINE PARAINFLUENZA VIRUS (CPI)

Anti-Viral Antiserum

CATALOG NO.: 210-70-CPI re-order as PAB-CPI

VOLUME: 2 ml **LOT:** P081121-003 **EXPIRATION:** 18 August 2012

VIRUS: Canine Parainfluenza Virus (CPI)



DESCRIPTION: Anti-CPI polyclonal antiserum. Liquid. Porcine origin.

QUALITY CONTROL METHOD: Indirect FA using VMRD CPI/PI-2 12 well slide (catalog no. SLD-IFA-CPI), and Anti-Pig IgG FITC Conjugate (catalog no. CJ-F-PORG-1ML or CJ-F-PORG-10ML).

Specific Reaction: 3-4+ positive fluorescence at 1:1600 with no background and an endpoint titer of equal to or greater than1:10,000.
 Other Comments: <1:50 on CPV, CDV, CHV. Endpoint @ 1:200 on CAV.

INTENDED USE: Useful for IFA. Not suitable for cell culture serum neutralization because it contains 0.09% sodium azide as a preservative.

STORAGE: This antiserum is provided in liquid form and should be stored at 2-7°C. DO NOT FREEZE! If antiserum becomes cloudy, it should be discarded. This antiserum contains 0.09% sodium azide as a preservative.

FOR IN VITRO LABORATORY USE ONLY.

WARRANTY: *VMRD, Inc.* warrants that this product is as described in the quantity and contents stated on the label at the time of delivery to the customer. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE MADE BEYOND THE LABEL DESCRIPTION, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Remedy is limited to replacement of the product or refund of the purchase price. *VMRD, Inc.* is not liable for property damage, personal injury, or economic loss caused by the product. The information listed in this information sheet is provided for reference only, and should not be substituted for the user's own incoming material quality control.

H:\Quality VMRD\QC\CofA\Antisera\CPI\PAB-CPI P081121-003 120818.doc 9 September 2010