

CERTIFICATE OF ANALYSIS

Product: MPV-GFP1 virus

Product Number: M121

Parental Strain: CAN97-83

Lot Number: 1535

Cells for Propagation: LLC-MK₂

Virus Passage Number: 4

Quantity: 2 x 1.2 ml ($\pm 10\%$)

Titer: 6.5 log₁₀ TCID₅₀/ml

Preparation: Cleared infected cell supernatant

Suspension Medium: MEM-RS, HEPES pH7.3, MgSO₄

Manufacture Date: 07/02/2015

Biosafety Level: 2

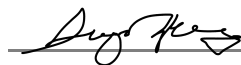
Sterility: Bacteria, yeast, fungi, and Mycoplasma were not detected by our assay methods.

Shipping and Storage: This product is shipped frozen on dry ice. Store at -80°C upon receipt. Avoid multiple freeze-thaw cycles as loss of viral titer may occur.

Recommendation: Before use, rapidly thaw frozen vial in a water bath set at 37°C and then store on ice. Use pre-cooled medium/buffer for virus dilution and store on ice before inoculating into cell culture. For future use, aliquot into small amounts and freeze rapidly in a dry ice/alcohol bath and store at -80°C .

BIOHAZARD: This virus preparation contains LIVE VIRUS and should be handled in accordance with biosafety guidelines defined in NIH-CDC HHS Publication No. (CDC) 93-8395.

Certified by:



Signature

07/13/2015

Date

Technical Director

Title

THIS PRODUCT IS FOR RESEARCH USE ONLY, NOT FOR HUMAN THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.