

CERTIFICATE OF ANALYSIS

Product: bRSV-GFP1

Product Number: R221

Parental Strain: ATue51908

Lot Number: 1546

Cells for Propagation: Vero (ATCC CCL-81)

Virus Passage Number: 2

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

Titer: 5.7 log₁₀ TCID₅₀/ml

Preparation: Cleared infected cell supernatant

Suspension Medium: MEM, sucrose, L-glutamic acid

Manufacture Date: 01/28/2016

Biosafety Level: 2

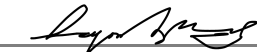
Sterility: Bacteria, yeast, fungi, and Mycoplasma were not detected by our assay methods.

Shipping and Storage: This product is shipped frozen with 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 keep on ice. Use pre-cooled medium/buffer for virus dilution and keep 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

03/30/2016

Date

Technical Director

Title

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