



TECHNICAL DATA SHEET

Ready Reporter Virus™ Kit

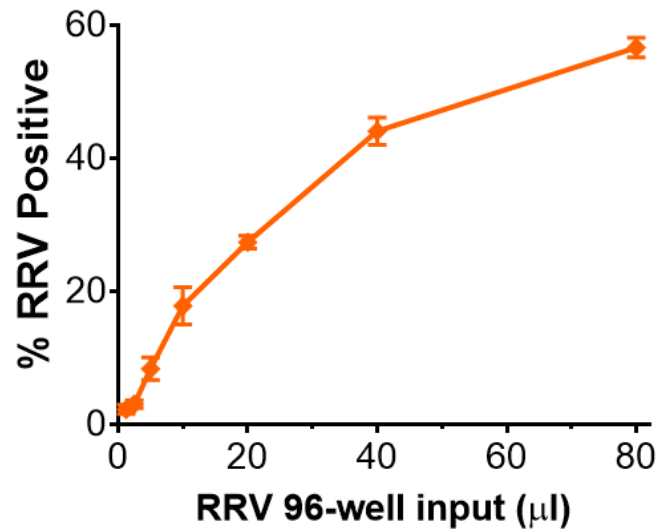
DESCRIPTION	
Product	Marburg Ready Reporter Virus™ (RRV) Kit
Catalog #	RRK-1501
RRV Strain	Uganda/2007
Reporter	Fluorescent (FRET substrate) Ex. 409 nm, Em. 447/520 nm
Target Cells	Huh-7 Ready Reporter Virus target cells
Viral Titer	6.32 x 10 ⁵ TU/mL
Particle Input Volume	20 µL per well (96-well plate)
Enhancer Input Volume (added to cells)	35.8µL
Storage & Stability	< -80°C upon receipt; storing Target Cells at <-150°C may prolong shelf life. Kit components are for single use. Re-freezing risks complete loss of viral activity and cell viability—avoid entirely.
Mycoplasma Test	Negative
Expiration	Three months from receipt

INDIVIDUAL COMPONENTS LIST		
Catalog #	Description	Lot Number
RRV-1501	Marburg RRV particles	FR-1147B
C-HUH204	Huh-7 RRV target cells	TA-071326-MC
RRE-100	100X Fusion Signal Enhancer	SE-1146

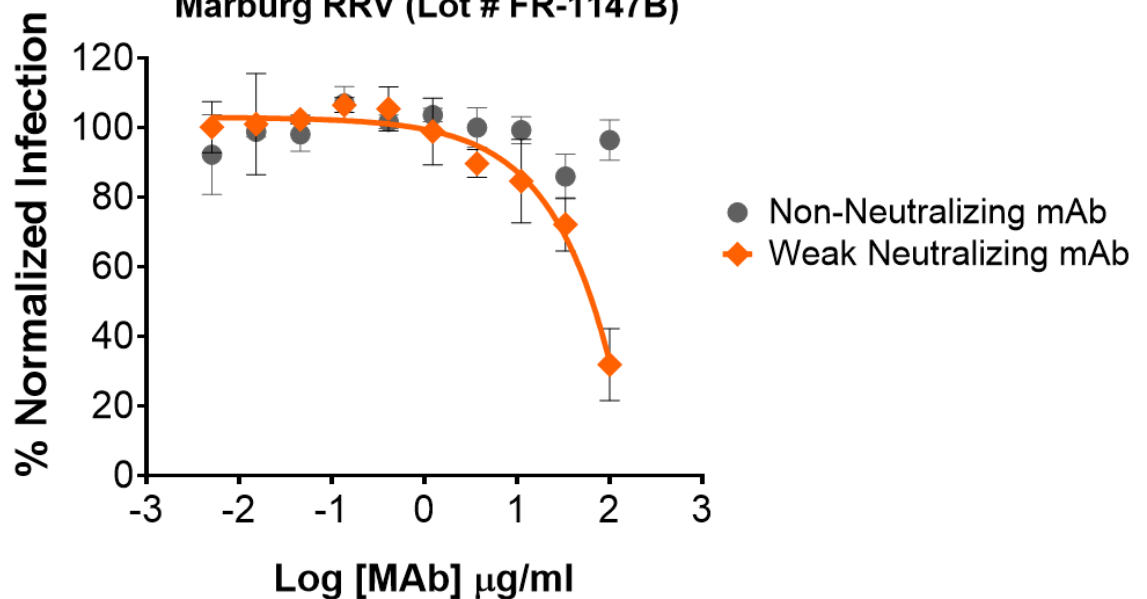
QC ASSAY FOR FUNCTIONAL KIT TESTING	KIT QC RESULT
Infecitivity of Marburg RRV particles was determined in Huh-7 RRV target cells. Neutralization of Marburg RRV particles was performed with a broadly neutralizing monoclonal antibody and non-neutralizing monoclonal antibody.	PASS

INFECTIVITY AND NEUTRALIZATION DATA

Marburg RRV (Lot# FR-1147B)



Marburg RRV (Lot # FR-1147B)



Marburg RRV infection and neutralization was determined using Huh-7 RRV target cells. The RRV neutralization assay utilized 20 μL/well of Marburg RRV particles in a 96-well plate. Infection was detected with an Intellicyt iQue flow cytometer using the VL-1 channel (Ex. 409 nm, Em. 447 nm). Data represents the average of three replicates.