



TECHNICAL DATA SHEET

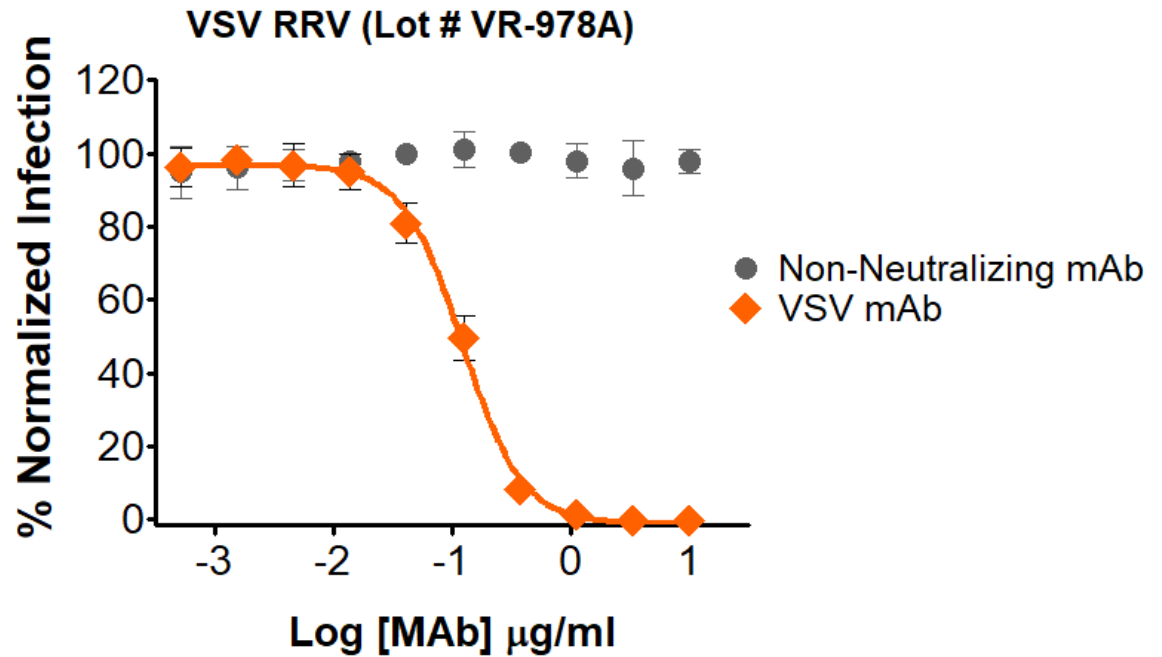
Ready Reporter Virus™ Kit

DESCRIPTION	
Product	Vesicular Stomatitis Virus (VSV) Ready Reporter Virus™ (RRV) Kit
Catalog #	RRK-1001
RRV Strain	Indiana
Reporter	Fluorescent (FRET substrate) Ex. 409 nm, Em. 447/520 nm
Target Cells	HEK-293T Ready Reporter Virus target cells
Viral Titer	1.17 x 10 ⁷ TU/mL
Particle Input Volume	5µL per well (96-well plate)
Enhancer Input Volume (added to cells)	138µL
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	July 2026

INDIVIDUAL COMPONENTS LIST		
Catalog #	Description	Lot Number
RRV-1001	VSV RRV particles	VR-978A
C-HEK202	HEK-293T RRV target cells	TA-032626-MC
RRE-100	100X Fusion Signal Enhancer	SE-981

QC ASSAY FOR FUNCTIONAL KIT TESTING	KIT QC RESULT
Infectivity of VSV RRV particles was determined in HEK-293T RRV target cells. Neutralization of VSV RRV particles was performed with a broadly neutralizing monoclonal antibody and non-neutralizing monoclonal antibody.	PASS

NEUTRALIZATION DATA



RRV neutralization assay utilized 5 μL /well of VSV RRV particles in a 96-well plate. HEK-293T RRV target cells were infected with VSV RRV particles. 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.