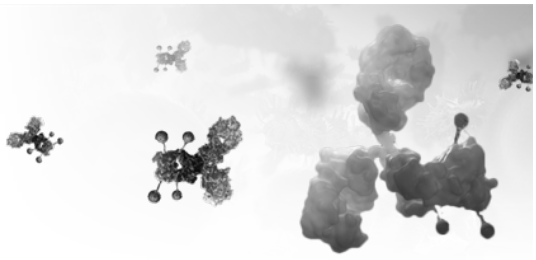

# Pseudotyped VSV-MARV-Angola Glycoprotein-ΔG-Luciferase (PSVCD102)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|---|---|
| **Product Overview** | Recombinant Vesicular Stomatitis Virus pseudotyped Angola marburgvirus glycoprotein (rVSV pseudotyped MARV-Angola GP) system in which the G protein of VSV has been deleted, replaced with firefly luciferase and used to produce VSV pseudotypes containing the envelope glycoprotein of Angola marburgvirus. Since the infectivity of rVSV pseudotyped MARV-Angola GP is restricted to a single round of replication, analyses of viral entry can be performed using just biosafety level 2 (BSL-2) containment. Infectivity and neutralization of infectivity can be measured by luciferase activity. |
| **Antigen Description** | Marburgvirus Angola Envelope Glycoprotein |
| **Species** | Marburg Virus |
| **Concentration** | 4.02E+08 RLU/ml |
| **Size** | 100 µl |
| **Buffer** | DMEM, 1% FBS, L-glutamine and Penicillin/Streptomycin |
| **Storage** | Store at -80°C . Multiple freeze/thaw cycles not recommended.<br>When using the virus, transfer the virus from the -80°C refrigerator and melt it in an ice bath. |
| **Ship** | Frozen on dry ice |

## BACKGROUND

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| **Keywords** | Marburgvirus; Marburg virus; MARV-Angola GP; MARV; MARV GP; Marburg glycoprotein; MARV glycoprotein; Marburg virus glycoprotein; MARV Pseudovirus; Marburg virus Pseudovirus; Marburg Pseudovirus |

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# GENE INFORMATION

**References**

1. Whitt, M.A., Generation of VSV pseudotypes using recombinant DeltaGVSV for studies on virus entry, identification of entry inhibitors, and immune responses to vaccines. J. Virol. Methods, 2010. 169(2): p. 365-74.

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