



# Recombinant Rift Valley Fever Virus non-structural protein (RVFV-NS) [His] (DAGF-201)

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

## PRODUCT INFORMATION

### Antigen Description

Rift Valley fever virus (RVFV) is an arbovirus in the Bunyaviridae family that, from phylogenetic analysis, appears to have first emerged in the mid-19th century and was only identified at the beginning of the 1930s in the Rift Valley region of Kenya. Rift Valley fever (RVF) is an acute, fever-causing viral disease most commonly observed in domesticated animals (such as cattle, buffalo, sheep, goats, and camels), with the ability to infect and cause illness in humans. RVFV is primarily transmitted by mosquito or by direct contact with infected animal tissues, bodily fluids and fomites, particularly if associated with abortions and causes a potentially severe disease among both humans and animals. RVFV belongs to the group of RNA viral hemorrhagic fever (VHF) agents that includes Ebola, Marburg, Lassa (and other arena-), Crimean-Congo hemorrhagic fever, yellow fever, dengue and hanta-viruses. The geographic distribution of the virus has since grown significantly and now includes most countries of the African continent and Madagascar.

|                         |                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------|
| <b>Purity</b>           | >95%                                                                                            |
| <b>Conjugate</b>        | His                                                                                             |
| <b>Molecular Weight</b> | 27 Kda                                                                                          |
| <b>Format</b>           | Liquid                                                                                          |
| <b>Concentration</b>    | Batch dependent - please inquire should you have specific requirements.                         |
| <b>Size</b>             | 10 µg                                                                                           |
| <b>Buffer</b>           | PBS and 8M Urea                                                                                 |
| <b>Preservative</b>     | None                                                                                            |
| <b>Storage</b>          | Short-term: unopened, undiluted vials for less than a week at 4°C. Long-term: at -20°C or below |

in suitable aliquots after reconstitution. Do not freeze and thaw and store working, diluted solutions.

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## BACKGROUND

### Keywords

Rift Valley fever virus; RVFV

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