



Recombinant Zika Virus Envelope protein [His] (DAGA6128)

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

PRODUCT INFORMATION

Product Overview	Product contains Histidine tag. Reacts with both IgG and IgM. The E protein composes the majority of the virion surface and it is involved with replication, such as host cell binding and membrane fusion.
Antigen Description	Zika virus is an emerging disease that is spread by Aedes mosquitoes. The virus was first isolated in Central Africa, and has since been spread to South Asia and recently to South America. Zika virus can cause mild fever, rash, myalgia, arthralgia and headaches, with one in four infected individuals being asymptomatic. Due to similar symptoms Zika virus infected individuals can easily be mis-diagnosed as a dengue infection and vice-versa. In addition, Zika virus has been implicated in causing microcephaly through transmission in utero.
Purity	≥ 85% by SDS-PAGE, purified by affinity chromatography.
Conjugate	His
Format	Purified, Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	100 µg, 1 mg
Buffer	Phosphate Buffered Saline, pH 7.4
Preservative	0.09% Sodium Azide
Storage	Store at ≤ -20°C, avoid repeated freeze/thaw cycles.

BACKGROUND

Keywords

Zika virus; ZIKV; Zika virus NS1; ZIKV NS1; Zika virus NS1 protein 1; Zika virus Non-Structural protein 1; Non-Structural protein 1; Flaviviridae; Flavivirus
