



Recombinant Zika Virus VLP (a.a 123-819) (DAG-WT303)

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

PRODUCT INFORMATION

Antigen Description	Recombinant Zika virus-like particles consisting of Envelope, pre-Membrane and Membrane protein produced in mammalian HEK293 cells and the target gene encoding a.a 123-819 is expressed
Purity	> 95% , as determined by SDS-PAGE
Conjugate	Unconjugated
Applications	N/A
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	100 µg
Buffer	DPBS pH 7.4, 20% sucrose
Preservative	None
Storage	Store at -80°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	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
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virus has been implicated in causing microcephaly through transmission in utero.

Keywords

Zika virus; VLP; Envelope protein; pre-Membrane protein
