



# Recombinant Yellow Fever Virus (YFV) Envelope VLP [His] (DAG-WT369)

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

## PRODUCT INFORMATION

**Product Overview**

YFV Envelope Viral Like Particles was packaged in HEK293T cells. It is the replication-incompetent particles in which the YFV Envelope (with 6His-tag at its C-terminal) was pseudo-typed as the lentiviral particles' surface envelope protein.

**Conjugate**

His

**Applications**

ELISA

**Format**

Liquid

**Concentration**

1×10<sup>8</sup> VP/ml

**Size**

200 µl

**Buffer**

PBS, pH 7.4

**Preservative**

None

**Storage**

Store at -80°C. Avoid multiple freeze/thaw cycles.

## BACKGROUND

**Introduction**

The YFV genome is an 11kb single-stranded positive-sense RNA genome coding for a polyprotein, which is post- and co-translationally processed into three structural proteins and seven non-structural proteins. The largest of the structural proteins, the envelope (E) protein (445aa), is the major component of the virion surface. It is the primary immunogen and plays a central role in receptor binding and membrane fusion. It is the primary immunogen and plays a central role in receptor binding and membrane fusion.

**Keywords**

Yellow Fever Virus; Envelope protein; YFV

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