

Dengue Envelope-1 & 4

Description: The E.coli derived recombinant 55kDa protein is genetically engineered peptide which is derived from Dengue Type-1 and 4 to be expressed as a fused envelope, each part in this fusion contains 170 a.a (positions 46-217), it was designed specifically for gold conjugation for a rapid test production, it has proved better results in specificity and sensitivity compared to individual single antigen by a rapid test company located at San Diego, USA. This fusion protein is connected to a 6xHis Tag. Dengue Type-1 and 4 is purified by proprietary chromatographic technique.

Catalog #: DEPS-032

For research use only.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Purity: Protein is >95% pure as determined by 12% PAGE (coomassie staining).

Formulation:

Phosphate buffered saline, pH-7.4.

Stability:

Dengue Envelope-1 & 4 Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

Caused by one of four closely related virus serotypes of the genus Flavivirus, family Flaviviridae, each serotype is sufficiently different that there is no cross-protection and epidemics caused by multiple serotypes (hyperendemicity) can occur. In cell culture experiments and mice Morpholino antisense oligos have shown specific activity against Dengue virus.

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