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Dengue Polyvalent ELISA

Catalog #:DEPS-034

For research use only.

Description: Polyvalent dengue antigens are 18kDa proteins containing subtype 1,2,3 and 4. They are anew group of antigens specifically designed for ELISA assay. Except common epitopes shared by each subtype, this group of peptides also contains subtype specific epitopes, sometimes OD value peaks at one individual subtype. Dengue infection may miss without including all four subtype antigens. All the recombinant peptides are fused with a 6xHis Tag. Polyvalent dengue is purified by proprietary chromatographic technique. The product is supplied in 4 different vials, 1 for each subtype, when ordering 100µg, you will receive 4x25µg/vial (1 vial/subtype).

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Purity: Protein is >95% pure as determined by 10% PAGE (coomassie staining).

Formulation:
50mM sodium chloride-phosphorous buffer, pH-7.4.

Stability:
Polyvalent dengue Recombinant althoµgh 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 drµgs, 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.

To place an order, please Click HERE.

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