

Polyvalent Dengue Antigen Recombinant Protein

Recombinant Polyvalent Dengue Antigen

CATALOG #
AAA38721

HOST
E Coli

PRODUCT SYNONYMS

Polyvalent Dengue Antigen; Recombinant Polyvalent Dengue Antigen; Dengue Polyvalent; Polyvalent Dengue Antigen Recombinant; Polyvalent Dengue Antigen recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Protein is >95% pure as determined by 12% PAGE (coomassie staining). Purified by proprietary chromatographic technique.
Form/Format	(1.0mg/ml) Phosphate buffer saline, pH 7.4 and 0.05% NaN ₃ .
Concentration	1.0mg/ml (varies by lot)
Preparation and Storage	Polyvalent Dengue although stable at 4 degree C for 1 week, should be stored below -18 degree C. Please prevent freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for Polyvalent Dengue Antigen recombinant protein	Description: Polyvalent dengue antigen is a 22kDa protein that contains 4 dengue antigen subtypes, produced in E Coli and fused to a 6xHis Tag. The immunoreactive peptide span from the viral envelope to the non-functional region. The polyvalent dengue antigen consists of 25% recombinant antigen from each of the dengue subtypes in their composition. The Polyvalent dengue antigen detects all four dengue subtypes. The sensitivity and specificity could reach approximately 93% and 96% in dengue IgG and IgM ELISA assay. 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.
Product Categories/Family for Polyvalent Dengue Antigen recombinant protein	Viral Antigens; DENGUE VIRUS; Viral Antigens; Dengue

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyvalent-dengue-antigen-recombinant-protein-e-coli/38721>