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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Recombinant Polyvalent Dengue Antigen

CLDEN010
CLDEN010-2
CLDEN010-3
Lot: 916PDENPOLY

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.

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.

Source: *Escherichia Coli*.

Method: Purified by proprietary chromatographic technique.

Concentration: 1.0 mg/ml

Presentation: 100 µg (**CLDEN010**), 0.5 mg (**CLDEN010-2**), or 1 mg (**CLDEN010-3**) colourless solution. The solution contains Phosphate buffered saline, pH-7.4 and 0.05% NaN_3 .

Storage: Polyvalent Dengue although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

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

Laboratory Reagent For Research Use Only

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