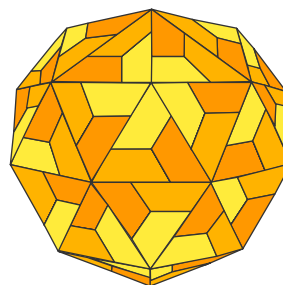
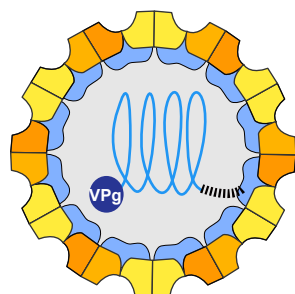


Human Enterovirus 71 Antigen ELISA Kit

Catalog # : KA6890



- VP1
- VP2
- VP3
- VP4



Enterovirus 71 (EV71), a non-enveloped and icosahedral single-stranded RNA virus, belongs to family Picornaviridae, genus Enterovirus, species Human Enterovirus A (HEV-A). It is one of the major etiological agents causing hand, foot, and mouth disease (HFMD), which generally affects infants and young children. In addition to HFMD, EV71 epidemic has resulted in many fatalities because of serious neurological complications and has been identified as a serious threat to public health.

Abnova has developed high quality Human Enterovirus 71 Antigen ELISA Kit for the qualitative detection of Human Enterovirus 71 Antigen in serum, plasma, cell culture supernatants, cell lysates, tissue homogenates.

Precision

Intra-Assay: CV < 10%

Three samples of known concentration were tested on one plate to assess intra-assay precision.

Inter-Assay: CV < 12%

Three samples of known concentration were tested in separate assays to assess inter-assay precision.

Workflow

- 1 Add samples and incubate 30 mins at 37°C
- 2 Wash
- 3 Add HRP and incubate 30 mins at 37°C
- 4 Wash
- 5 Add substrate and incubate 10 mins at 37°C
- 6 Add stop solution
- 7 Read OD at 450nm