

Human enterovirus 71 virus (EV71) antibody (IgM) ELISA Kit | EV71 elisa kit

Human enterovirus 71 virus (EV71) antibody, IgM ELISA Kit

CATALOG #
AAA15391

REACTIVITY
Human

PRODUCT SYNONYMS

enterovirus 71 virus (EV71) antibody (IgM); Human enterovirus 71 virus (EV71) antibody; IgM ELISA Kit; Human enterovirus 71 virus (EV71) antibody (IgM) ELISA kit; EV71 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human EV71 antibody (IgM). No significant cross-reactivity or interference between human EV71 antibody (IgM) and analogues was observed.
Samples	Serum, plasma
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES

TYPICAL DATA

Test parameter	specification	test result
Positive control	>0.30	0.723
Negative control	<0.10	0.072
Positive rate	10. Positive	100%
Negative rate	10. Negative	100%

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EV71 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with anti-human IgM. Samples are pipetted into the wells and any human EV71 antibody (IgM) present is bound by the pre-coated anti-human IgM. After washing, EV71 antigen conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of human EV71 antibody (IgM) bound in the initial step. The color development is stopped and the intensity of the color is measured.

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.