

Human Rotavirus IgM, RV IgM ELISA Kit | RV IgM elisa kit

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CATALOG #
AAA44431

REACTIVITY
Human

PRODUCT SYNONYMS

Rotavirus IgM; RV IgM; Human Rotavirus IgM; RV IgM ELISA Kit; RV IgM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV< 10%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV< 12%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

ADDITIONAL INFORMATION

Related Product Information for RV IgM elisa kit

Intended Uses: This kit is for the qualitative detection of human Rotavirus IgM (also known as RV IGM) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is based on a qualitative reverse phase enzyme immuno assay technique. The microtiter plate has been pre-coated with a target antigen. Positive/Negative Controls or samples are added to the wells and incubate. Antibodies in the samples bind to the antigen on the plate. Unbound antibody is washed away during a washing step. A Horseradish Peroxidase (HRP) conjugated detection antibody is then added and incubate. Unbound HRP is washed away during a washing step. TMB substrate is then added and color develops. The reaction is stopped by addition of acidic stop solution and color changes into yellow that can be measured at 450 nm. The OD of an unknown sample can then be compared to the OD of the positive and negative controls in order to determine the presence of RV IGM.

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://www.aaabiotech.com/human-elisa-kits/rotavirus-igm-rv-igm/44431>