

Human Rotavirus IgG ELISA Kit

Human Anti-Rotavirus IgG ELISA Kit

CATALOG #
AAA31512

REACTIVITY
Human

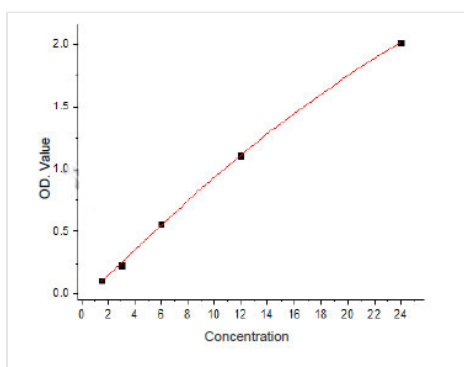
PRODUCT SYNONYMS

Rotavirus IgG; Human Anti-Rotavirus IgG ELISA Kit; Rotavirus IgG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Anti-Rotavirus IgG ELISA Kit has high sensitivity and excellent specificity for detection of Human Anti-Rotavirus IgG. No significant cross-reactivity or interference between Human Anti-Rotavirus IgG and analogues was observed.
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	1.5 ng/L - 24 ng/L
Sensitivity	< 0.1ng/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Rotavirus IgG elisa kit	Background: Rotavirus is one of the main pathogens that cause diarrhea in infants and young children. It mainly infects intestinal epithelial cells, causing cell damage and causing diarrhea. Rotavirus is prevalent in summer, autumn and winter every year. The route of infection is the fecal-oral route, and the clinical manifestation is acute gastroenteritis with osmotic diarrhea. Principle of the Assay: Human Anti-Rotavirus IgG ELISA Kit quantitate Human Anti-Rotavirus IgG in samples. An antigen has been pre-coated onto a microplate. Standards or test samples are added to the wells, incubated and then washed. HRP-conjugated antigen is then added and incubated. The plate is washed once more and the chromogen solution is then added which HRP catalyzes, generating a blue coloration after incubation. A stop solution is added which generates conversion to yellow color read at 450 nm which is proportional to the amount of analyte bound.
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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/rotavirusigg/31512>