

Human salmonella typhi (ST) antibody (IgM) ELISA Kit | ST elisa kit

Human salmonella typhi (ST) antibody, IgM ELISA Kit

CATALOG #
AAA15742

REACTIVITY
Human

PRODUCT SYNONYMS

salmonella typhi (ST) antibody (IgM); Human salmonella typhi (ST) antibody; IgM ELISA Kit; Human salmonella typhi (ST) antibody (IgM) ELISA kit; ST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human salmonella typhi (ST) antibody (IgM). No significant cross-reactivity or interference between human salmonella typhi (ST) antibody (IgM) and analogues was observed.
Sequence Length	115
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	≥0.40	1.150
Negative control	<0.21	0.10
Positive rate	10, Positive	100%
Negative rate	10, Negative	100%

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ST elisa kit

Principle of the Assay: This assay employs the qualitative enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with avidin and biotin-conjugated antigen. Samples are pipetted into the wells with anti-human IgM conjugated Horseradish Peroxidase (HRP). Any antibodies specific for the antigen will bind to the pre-coated antigen. 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 salmonella typhi (ST) antibody (IgM) bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	685030
NCBI Official Full Name	IgM, partial

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://stage.aaabiotech.com/human-elisa-kits/salmonella-typhi-st-antibody-igm/15742>