

Human Flagellin ELISA Kit | FLA elisa kit

Human Flagellin (FLA) ELISA Kit

CATALOG #
AAA55883

REACTIVITY
Human

PRODUCT SYNONYMS

Flagellin; Human Flagellin (FLA) ELISA Kit; FLA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human FLA. No significant cross-reactivity or interference between Human FLA and analogues was observed.
Sequence Length	181
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.78 ng/mL - 50 ng/mL
Sensitivity	0.39 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for FLA elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate FLA in Human serum, plasma. An antibody specific for FLA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FLA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FLA is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FLA bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Human Flagellin (FLA) concentration in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1333716
UniProt Accession #	P13077; Q48309; Q9HQX5
Molecular Weight	20,682 Da
NCBI Official Full Name	flagellin, partial
UniProt Protein Name	Flagellin B2

UniProt Gene Name	flaB2
UniProt Entry Name	FLAB2_HALSA

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/fla-human-elisa-kits/flagellin/55883>