

Human IRAK3 ELISA Kit | IRAK3 elisa kit

Human IRAK3 (Interleukin 1 Receptor Associated Kinase 3) ELISA Kit

CATALOG #
AAA21723

REACTIVITY
Human

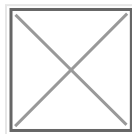
PRODUCT SYNONYMS

IRAK3; Human IRAK3 (Interleukin 1 Receptor Associated Kinase 3) ELISA Kit; IRAK3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human IRAK3 in samples. No significant cross-reactivity or interference between Human IRAK3 and analogues was observed.
Sequence Length	596
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.78-50ng/mL
Sensitivity	0.47ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human IRAK3 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human IRAK3 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IRAK3 elisa kit

Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human IRAK3. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human IRAK3 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human IRAK3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The OD value is proportional to the concentration of Human IRAK3. You can calculate the concentration of Human IRAK3 in the samples by comparing the OD of the samples to the standard curve.

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human IRAK3 concentrations in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	216547519
NCBI GeneID	11213
NCBI Accession #	NP_009130.2
NCBI GenBank Nucleotide #	NM_007199.2
UniProt Accession #	Q9Y616; B4DQ57
Molecular Weight	60,608 Da
NCBI Official Full Name	interleukin-1 receptor-associated kinase 3 isoform a
NCBI Official Synonym Full Names	interleukin-1 receptor-associated kinase 3
NCBI Official Symbol	IRAK3
NCBI Official Synonym Symbols	ASRT5; IRAKM
NCBI Protein Information	interleukin-1 receptor-associated kinase 3; IL-1 receptor-associated kinase M; IRAK3
UniProt Protein Name	Interleukin-1 receptor-associated kinase 3
UniProt Gene Name	IRAK3
UniProt Synonym Gene Names	IRAK-3; IRAK-M
UniProt Entry Name	IRAK3_HUMAN

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/irak3/21723>