

Human Interferon Induced Protein 44 (IFI44) ELISA Kit | IFI44 elisa kit

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CATALOG #
AAA149204

REACTIVITY
Human

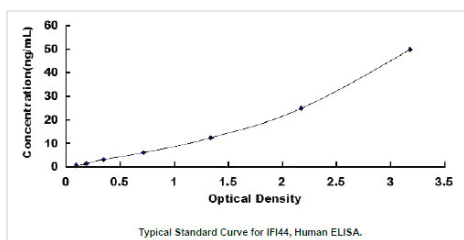
PRODUCT SYNONYMS

Interferon Induced Protein 44 (IFI44); Human Interferon Induced Protein 44 (IFI44) ELISA Kit; MTAP44; p44; Microtubule-associated protein 44; IFI44 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ICAM4. No significant cross-reactivity or interference between ICAM4 and analogues was observed.
Sequence Length	444
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates And Other Biological Fluids
Detection Range	0.78-50ng/mL
Sensitivity	0.29ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ICAM4 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ICAM4 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFI44 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ICAM4 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ICAM4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to ICAM4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ICAM4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ICAM4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for IFI44 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	166706911
NCBI GeneID	10561
NCBI Accession #	NP_006408.3
NCBI GenBank Nucleotide #	NM_006417.5
UniProt Accession #	Q8TCB0; Q14496; B7ZAG3; D3DQ80
Molecular Weight	14,984 Da
NCBI Official Full Name	interferon-induced protein 44
NCBI Official Synonym Full Names	interferon induced protein 44
NCBI Official Symbol	IFI44
NCBI Official Synonym Symbols	p44; TLDC5; MTAP44
NCBI Protein Information	interferon-induced protein 44
UniProt Protein Name	Interferon-induced protein 44
UniProt Gene Name	IFI44
UniProt Synonym Gene Names	MTAP44; p44

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/interferon-induced-protein-44-ifi44/149204>