

Human interleukin 24 ELISA Kit | IL24 elisa kit

Human Interleukin 24, IL-24 ELISA Kit

CATALOG #
AAA80823

REACTIVITY
Human

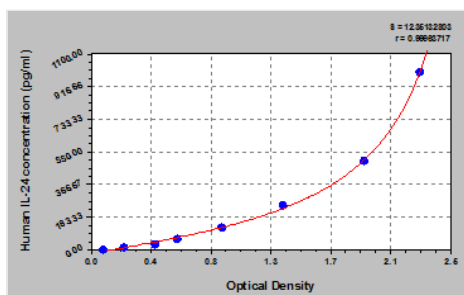
PRODUCT SYNONYMS

interleukin 24; Human Interleukin 24; IL-24 ELISA Kit; Human Interleukin 24 (IL-24) ELISA Kit; C49A; FISP; IL-24; IL10B; MDA7; Mob-5; ST16; mda-7; IL-24 splice variant delE3; IL-24 splice variant delE5; melanoma differentiation association protein 7; suppression of tumorigenicity 16 (melanoma di; IL24 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IL24. No significant cross-reactivity or interference between Human IL24 and analogues was observed.
Sequence Length	207
Samples	Serum, plasma, cell culture supernates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Apoptosis/Autophagy
Protein Biological Process 3	Apoptosis
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



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL24 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL-24. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for IL-24 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain IL-24, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of IL-24 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	297632401
NCBI GeneID	11009
NCBI Accession #	NP_001172085.1
NCBI GenBank Nucleotide #	NM_001185156.1
UniProt Accession #	Q13007; Q2YHE5; Q53XZ7; Q5YLN8; Q96DB0; Q96KG4
Molecular Weight	23,825 Da
NCBI Official Full Name	interleukin-24 isoform 3
NCBI Official Synonym Full Names	interleukin 24
NCBI Official Symbol	IL24
NCBI Official Synonym Symbols	C49A; FISP; MDA7; MOB5; ST16; IL10B
NCBI Protein Information	interleukin-24; melanocyte-associated Mda-7; IL-4-induced secreted protein; melanoma differentiation-associated gene 7 protein; suppression of tumorigenicity 16 (melanoma differentiation)
UniProt Protein Name	Interleukin-24
UniProt Gene Name	IL24
UniProt Synonym Gene Names	MDA7; ST16; IL-24; MDA-7
UniProt Entry Name	IL24_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.