

Mouse Indoleamine 2,3-dioxygenase 1 ELISA Kit | Ido1 elisa kit

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CATALOG #
AAA194764

REACTIVITY
Mouse

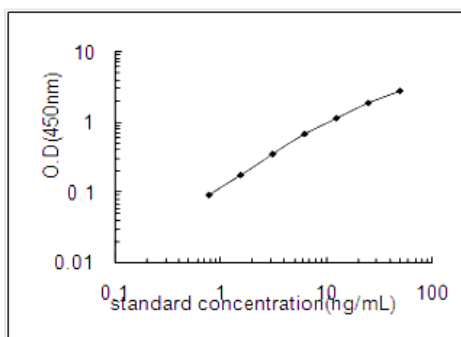
PRODUCT SYNONYMS

Indoleamine 2; 3-dioxygenase 1; Mouse Indoleamine 2; 3-dioxygenase 1 ELISA Kit; IDO-1; Indoleamine-pyrrole 2; 3-dioxygenase; Ido1; Ido; Indo; 1.13.11.52; Ido1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse IDO-1. No significant cross-reactivity or interference was observed.
Sequence Length	316
Assay Type	Sandwich
Detection Range	0.78-50 ng/mL
Sensitivity	0.4 ng/mL
Intra-Assay CV	<=5.3%
Inter-Assay CV	<=7.7%
Recovery	92%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ido1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse indoleamine 2,3-dioxygenase 1,IDO-1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IDO-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for IDO-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain IDO-1, 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 IDO-1 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 #	654822254
NCBI GeneID	15930
NCBI Accession #	NP_001280619.1
NCBI GenBank Nucleotide #	NM_001293690.1
UniProt Accession #	P28776
Molecular Weight	45,641 Da
NCBI Official Full Name	indoleamine 2,3-dioxygenase 1 isoform 2
NCBI Official Synonym Full Names	indoleamine 2,3-dioxygenase 1
NCBI Official Symbol	Ido1
NCBI Official Synonym Symbols	Ido; Indo
NCBI Protein Information	indoleamine 2,3-dioxygenase 1
UniProt Protein Name	Indoleamine 2,3-dioxygenase 1
UniProt Gene Name	Ido1
UniProt Synonym Gene Names	Ido; Indo; IDO-1
UniProt Entry Name	I23O1_MOUSE

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.