

Mouse Tryptophan 2, 3-dioxygenase ELISA Kit | TDO2 elisa kit

Mouse Tryptophan 2, 3-dioxygenase (TDO2) ELISA Kit

CATALOG #
AAA181193

REACTIVITY
Mouse

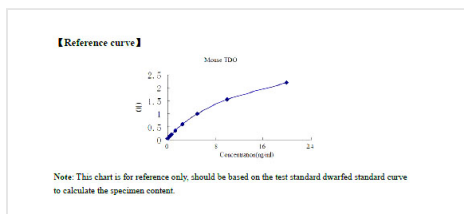
PRODUCT SYNONYMS

Tryptophan 2; 3-dioxygenase; Mouse Tryptophan 2; 3-dioxygenase (TDO2) ELISA Kit; TDO2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	No cross-reaction with other factors.
Sequence Length	406
Samples	Mouse Serum, Plasma Or Cell Culture Supernatant And Organizations In The Natural And Recombinant Tcn1 Concentration
Assay Type	Sandwich
Detection Range	1000 pg/ml-15.6 pg/ml
Sensitivity	5 pg/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TDO2 elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Mouse TCN1 monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

5032165

NCBI GeneID	6999
NCBI Accession #	NP_005642.1
NCBI GenBank Nucleotide #	NM_005651.3
Molecular Weight	47,872 Da
NCBI Official Full Name	tryptophan 2,3-dioxygenase
NCBI Official Synonym Full Names	tryptophan 2,3-dioxygenase
NCBI Official Symbol	TDO2
NCBI Official Synonym Symbols	TO; TDO; TPH2; TRPO
NCBI Protein Information	tryptophan 2,3-dioxygenase
UniProt Protein Name	Tryptophan 2,3-dioxygenase
UniProt Gene Name	TDO2
UniProt Synonym Gene Names	TDO; TO; TRPO
UniProt Entry Name	T23O_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/tdo2-mouse-elisa-kits/tryptophan-2-3-dioxygenase/181193>