

Human tryptophan 2, 3-dioxygenase ELISA Kit | TDO2 elisa kit

Human Tryptophan 2, 3-dioxygenase, TDO2 ELISA Kit

CATALOG #
AAA180452

REACTIVITY
Human

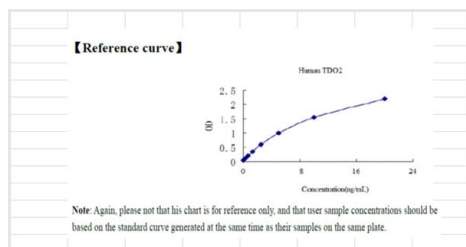
PRODUCT SYNONYMS

tryptophan 2; 3-dioxygenase; Human Tryptophan 2; TDO2 ELISA Kit; TDO2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/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: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human TDO2 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032165
NCBI GeneID	6999
NCBI Accession #	NP_005642.1

NCBI GenBank Nucleotide #	NM_005651.3
UniProt Accession #	P48775; A8K053
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; tryptophanase; tryptophan oxygenase; tryptophan pyrrolase; tryptamin 2,3-dioxygenase
UniProt Protein Name	Tryptophan 2,3-dioxygenase
UniProt Gene Name	TDO2
UniProt Synonym Gene Names	TDO; 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/human-elisa-kits/tryptophan-2-3-dioxygenase/180452>