

Human Kynureninase ELISA Kit | KYNU elisa kit

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CATALOG #
AAA98297

REACTIVITY
Human

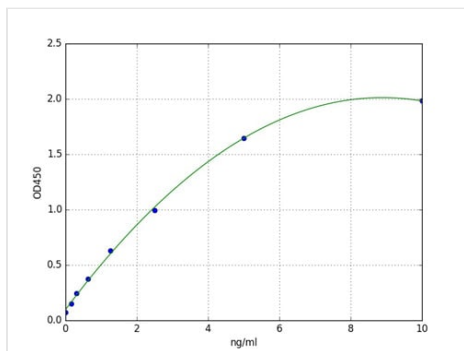
PRODUCT SYNONYMS

Kynureninase; Human Kynureninase ELISA Kit; KYNU/kynureninase/L-kynurenine hydrolase; KYNU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	464
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Human KYNU ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.016	0.170	0.302	0.566	0.951	1.432	1.874	2.121

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KYNU elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human KYNU antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human KYNU antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human KYNU amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human KYNU can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

16758776

NCBI GeneID	116682
NCBI Accession #	NP_446354.1
NCBI GenBank Nucleotide #	NM_053902.2
Molecular Weight	52,470 Da
NCBI Official Full Name	kynureninase
NCBI Official Synonym Full Names	kynureninase
NCBI Official Symbol	Kynu
NCBI Protein Information	kynureninase
UniProt Protein Name	Kynureninase
UniProt Gene Name	Kynu
UniProt Entry Name	KYNU_RAT

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/kynu-human-elisa-kits/kynureninase/98297>