

General HIS ELISA Kit | HIS elisa kit

HIS (Histamine) ELISA Kit

CATALOG #
AAA165709

REACTIVITY
General

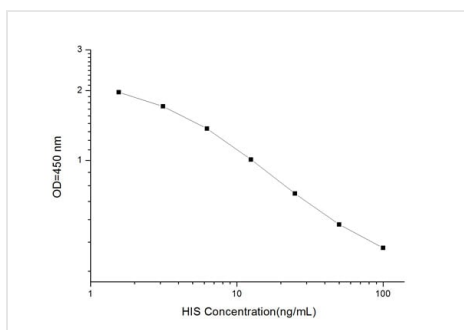
PRODUCT SYNONYMS

HIS; HIS (Histamine) ELISA Kit; HIS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This kit recognizes HIS in samples. No significant cross-reactivity or interference between HIS and analogues was observed.
Sequence Length	591
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	0.94ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level HIS were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level HIS were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HIS elisa kit	Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with HIS. During the reaction, HIS in the sample or standard competes with a fixed amount of HIS on the solid phase supporter for sites on the Biotinylated Detection Ab specific to HIS. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of HIS in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of HIS concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	385251411
NCBI GeneID	3034
NCBI Accession #	NP_001245263.1
NCBI GenBank Nucleotide #	NM_001258334.1
UniProt Accession #	P42357; Q4VB92; Q4VB93; B4DQC1; B4E0V8; F5GXF2; F5H1U5
Molecular Weight	49,123 Da
NCBI Official Full Name	histidine ammonia-lyase isoform 3
NCBI Official Synonym Full Names	histidine ammonia-lyase
NCBI Official Symbol	HAL
NCBI Official Synonym Symbols	HIS; HSTD
NCBI Protein Information	histidine ammonia-lyase; histidase
UniProt Protein Name	Histidine ammonia-lyase
UniProt Gene Name	HAL
UniProt Synonym Gene Names	HIS; Histidase
UniProt Entry Name	HUTH_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://www.aaabiotech.com/general-elisa-kits/his/165709>