

Human Histidine Ammonia Lyase (HAL) ELISA Kit | HAL elisa kit

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CATALOG #
AAA68037

REACTIVITY
Human

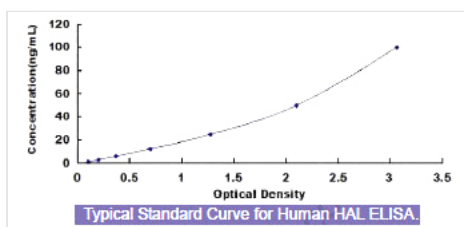
PRODUCT SYNONYMS

Histidine Ammonia Lyase (HAL); Human Histidine Ammonia Lyase (HAL) ELISA Kit; HIS Histidase; HAL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HAL. No significant cross-reactivity or interference between HAL and analogues was observed.
Sequence Length	449
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.62ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HAL were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level HAL were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HAL elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HAL in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HAL. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HAL. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HAL, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of HAL 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 #	385251407
NCBI GeneID	3034
NCBI Accession #	NP_001245262.1
NCBI GenBank Nucleotide #	NM_001258333.1
UniProt Accession #	P42357; Q4VB92; Q4VB93; B4DQC1; B4E0V8; F5GXF2; F5H1U5
Molecular Weight	49,123 Da
NCBI Official Full Name	histidine ammonia-lyase isoform 2
NCBI Official Synonym Full Names	histidine ammonia-lyase
NCBI Official Symbol	HAL
NCBI Official Synonym Symbols	HIS; HSTD
NCBI Protein Information	histidine ammonia-lyase
UniProt Protein Name	Histidine ammonia-lyase
UniProt Gene Name	HAL
UniProt Synonym Gene Names	HIS; Histidase

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/histidine-ammonia-lyase-hal/68037>