

Human HDC (Histidine decarboxylase) ELISA Kit | HDC elisa kit

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CATALOG #
AAA249888

REACTIVITY
Human

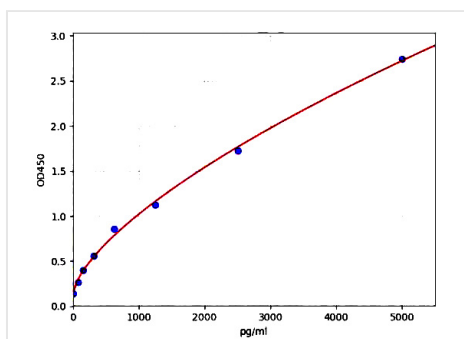
PRODUCT SYNONYMS

HDC (Histidine decarboxylase); Human HDC (Histidine decarboxylase) ELISA Kit; Histidine decarboxylase; HDC; HDC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HDC. No significant cross-reactivity or interference between HDC and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HDC elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	92110055
NCBI GeneID	3067
NCBI Accession #	NP_002103
NCBI GenBank Nucleotide #	NM_002112
UniProt Accession #	P19113; A1L4G0; B7ZM01
Molecular Weight	70,059 Da
NCBI Official Full Name	histidine decarboxylase
NCBI Official Synonym Full Names	histidine decarboxylase
NCBI Official Symbol	HDC
NCBI Protein Information	histidine decarboxylase
UniProt Protein Name	Histidine decarboxylase
UniProt Gene Name	HDC
UniProt Synonym Gene Names	HDC
UniProt Entry Name	DCHS_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/hdc-histidine-decarboxylase/249888>