

Human Aromatic-L-amino-acid decarboxylase ELISA Kit | DDC elisa kit

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CATALOG #
AAA57537

REACTIVITY
Human

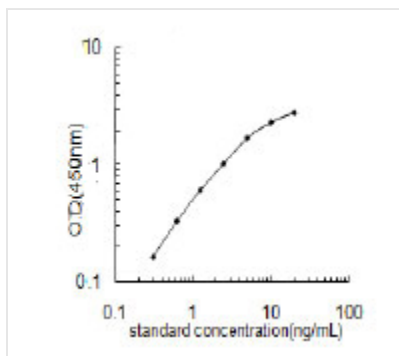
PRODUCT SYNONYMS

Aromatic-L-amino-acid decarboxylase; Human Aromatic-L-amino-acid decarboxylase ELISA Kit; AADC; DOPA decarboxylase; DDC; 4.1.1.28; DDC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Aromatic-L-amino-acid decarboxylase,AADC
Sequence Length	480
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.186 ng/mL
Intra-assay Precision	Intra-Assay CV: <=8.1%
Inter-assay Precision	Inter-Assay CV: <=10.2%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DDC elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen 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 #	4503281
NCBI GeneID	1644
NCBI Accession #	NP_000781.1
NCBI GenBank Nucleotide #	NM_000790.3
UniProt Accession #	P20711; Q16723; Q5W5T9; Q75MJ6; C9IYA0; E7ER62; E7EU95
Molecular Weight	44,239 Da
NCBI Official Full Name	aromatic-L-amino-acid decarboxylase isoform 1
NCBI Official Synonym Full Names	dopa decarboxylase
NCBI Official Symbol	DDC
NCBI Official Synonym Symbols	AADC
NCBI Protein Information	aromatic-L-amino-acid decarboxylase
UniProt Protein Name	Aromatic-L-amino-acid decarboxylase
UniProt Gene Name	DDC
UniProt Synonym Gene Names	AADC; AADC; DDC
UniProt Entry Name	DDC_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/ddc-human-elisa-kits/aromatic-l-amino-acid-decarboxylase/57537>