

Human Dopa Decarboxylase (DDC) ELISA Kit | DDC elisa kit

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CATALOG #
AAA54725

REACTIVITY
Human

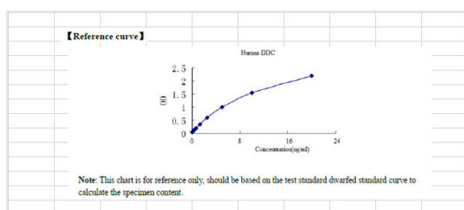
PRODUCT SYNONYMS

Dopa Decarboxylase (DDC); Human Dopa Decarboxylase (DDC) ELISA Kit; DDC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	475
Samples	Human serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	20 ng/ml-0.312 ng/ml
Sensitivity	Up to 0.06 ng/ml
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DDC elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human DDC monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	221476190
NCBI GeneID	35190

NCBI Accession #	NP_523600.5
NCBI GenBank Nucleotide #	NM_078876.5
Molecular Weight	56,863 Da
NCBI Official Full Name	dopa decarboxylase, isoform D
NCBI Official Synonym Full Names	Dopa decarboxylase
NCBI Official Symbol	Ddc
NCBI Official Synonym Symbols	5-HT; AADC; CG10697; ddc; DDC; DdcDm; DmelCG10697; fDDC; I(2)37Bl; I(2)37Ch; I(2)k02104
NCBI Protein Information	CG10697 gene product from transcript CG10697-RB; 3,4-Dihydroxyphenylalanine decarboxylase; CG10697-PB; CG10697-PC; CG10697-PD; Ddc-PB; Ddc-PC; Ddc-PD; aromatic L-amino acid decarboxylase; dopa decarboxylase; dopa-decarboxylase; dopadecarboxylase; dopamine decarboxylase; transcription unit No. 3
UniProt Protein Name	Aromatic-L-amino-acid decarboxylase
UniProt Gene Name	Ddc
UniProt Synonym Gene Names	CG10697; AADC; DDC
UniProt Entry Name	DDC_DROME

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/dopa-decarboxylase-ddc/54725>