

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

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CATALOG #
AAA54608

REACTIVITY
Mouse

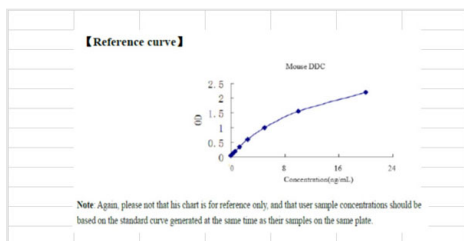
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	475
Assay Type	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: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Mouse DDC monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample 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; l(2)37Bl; l(2)37Ch; l(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/mouse-elisa-kits/dopa-decarboxylase-ddc/54608>