

Human DDC ELISA Kit | DDC elisa kit

Human DDC (Dopamine Decarboxylase) ELISA Kit

CATALOG #
AAA164234

REACTIVITY
Human

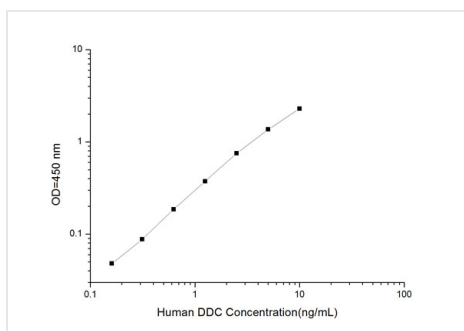
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human DDC. No significant cross-reactivity or interference between Human DDC and analogues was observed.
Sequence Length	480
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Human DDC concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DDC elisa kit	Principle of the assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to DDC. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for DDC and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain DDC, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of DDC. You can calculate the concentration of DDC in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48145565
NCBI GeneID	1644
UniProt Accession #	Q6IBS8; P20711
Molecular Weight	53,880 Da
NCBI Official Full Name	DDC
NCBI Official Synonym Full Names	dopa decarboxylase (aromatic L-amino acid decarboxylase)
NCBI Official Symbol	DDC
NCBI Official Synonym Symbols	AADC
NCBI Protein Information	aromatic-L-amino-acid decarboxylase
UniProt Protein Name	DDC protein
UniProt Gene Name	DDC
UniProt Entry Name	Q6IBS8_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/ddc/164234>