Dopa Decarboxylase (DDC) ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	Dopa Decarboxylase (DDC), ELISA Kit
Full Product Name	Mouse Dopa Decarboxylase (DDC) ELISA Kit
Product Gene Name	DDC elisa kit
Product Synonym Names	AADC; Aromatic L-Amino Acid Decarboxylase; DOPA decarboxylase
Species Reactivity	Mouse
Assay Type	Sandwich
Samples	tissue homogenates, cell lysates or other biological fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.062ng/mL
Molecular Weight	53,874 Da
3D Structure	ModBase 3D Structure for O88533
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Product Categories/Family for DDC elisa kit	RTU ELISA Kits
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Related Product Information for DDC elisa kit	MBS4517528 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Dopa Decarboxylase (DDC) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing DDC. The ELISA analytical biochemical technique of the MBS4517528 kit is based on DDC antibody-DDC antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect DDC antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, DDC. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of DDC elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DDC. It may not necessarily be applicable to this product.

NCBI GI #	299522784
NCBI GeneID	13195
NCBI Accession #	NP_001177377.1
UniProt Primary Accession #	O88533
UniProt Related Accession #	O88533
GenBank Nucleotide #	NM_001190448.1
NCBI Official Full Name	aromatic-L-amino-acid decarboxylase

NCBI Official Synonym Full Names	dopa decarboxylase
NCBI Official Symbol	Ddc
NCBI Official Synonym Symbols	Aadc
UniProt Protein Name	Aromatic-L-amino-acid decarboxylase
UniProt Synonym Protein Names	DOPA decarboxylase; DDC
Protein Family	Aromatic-L-amino-acid decarboxylase
UniProt Gene Name	Ddc
UniProt Synonym Gene Names	AADC; DDC
UniProt Entry Name	DDC_MOUSE
NCBI Protein Information	aromatic-L-amino-acid decarboxylase
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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