

Human Ornithine decarboxylase, ODC1 ELISA Kit | ODC1 elisa kit

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CATALOG #
AAA43123

REACTIVITY
Human

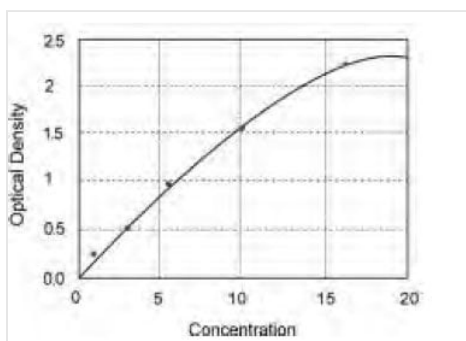
PRODUCT SYNONYMS

Ornithine decarboxylase; ODC1; Human Ornithine decarboxylase; ODC1 ELISA Kit; ODC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	461
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-60ng/ml
Sensitivity	0.02ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ODC1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human ODC1 antibody. ODC1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ODC1 Antibody is added and binds to ODC1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ODC1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human ODC1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Ornithine decarboxylase (also known as ODC1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505489
NCBI GeneID	4953
NCBI Accession #	NP_002530.1
NCBI GenBank Nucleotide #	NM_002539.2
UniProt Accession #	P11926; Q53TU3; Q6LDS9
Molecular Weight	51,148 Da
NCBI Official Full Name	ornithine decarboxylase isoform 1
NCBI Official Synonym Full Names	ornithine decarboxylase 1
NCBI Official Symbol	ODC1
NCBI Official Synonym Symbols	ODC
NCBI Protein Information	ornithine decarboxylase
UniProt Protein Name	Ornithine decarboxylase
UniProt Gene Name	ODC1
UniProt Synonym Gene Names	ODC

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/ornithine-decarboxylase-odc1/43123>