

Mouse CNDP1 (Beta-Ala-His dipeptidase) ELISA Kit | CNDP1 elisa kit

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CATALOG #
AAA250266

REACTIVITY
Mouse

PRODUCT SYNONYMS

CNDP1 (Beta-Ala-His dipeptidase); Mouse CNDP1 (Beta-Ala-His dipeptidase) ELISA Kit; Beta-Ala-His dipeptidase; CNDP dipeptidase 1; Carnosine dipeptidase 1; Cn1; Cndp1; CNDP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CNDP1. No significant cross-reactivity or interference between CNDP1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for CNDP1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157951637
NCBI GeneID	338403
NCBI Accession #	NP_803233.2
NCBI GenBank Nucleotide #	NM_177450.4
UniProt Accession #	Q8BUG2; Q80XP5
Molecular Weight	55,090 Da
NCBI Official Full Name	beta-Ala-His dipeptidase

NCBI Official Synonym Full Names	carnosine dipeptidase 1 (metallopeptidase M20 family)
NCBI Official Symbol	Cndp1
NCBI Official Synonym Symbols	Cn1; AI746433
NCBI Protein Information	beta-Ala-His dipeptidase
UniProt Protein Name	Beta-Ala-His dipeptidase
UniProt Gene Name	Cndp1
UniProt Synonym Gene Names	Cn1

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://www.aaabiotech.com/mouse-elisa-kits/cndp1-beta-ala-his-dipeptidase/250266>