

Mouse Big Dynorphin (Dyn) ELISA Kit | Dyn elisa kit

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CATALOG #
AAA64448

REACTIVITY
Mouse

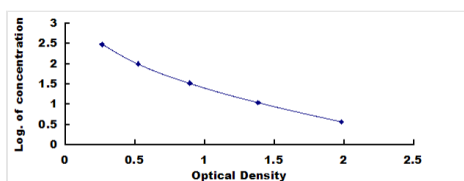
PRODUCT SYNONYMS

Big Dynorphin (Dyn); Mouse Big Dynorphin (Dyn) ELISA Kit; B-DYN; Biocytin 13 Dynorphin A 1-13 Amide; Dyn elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Dyn. No significant cross-reactivity or interference between Dyn and analogues was observed.
Sequence Length	870
Samples	Serum, plasma, tissue homogenates or other biological fluids
Assay Type	Quantitative Competitive
Detection Range	4.687-300pg/mL
Sensitivity	<2.4pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Dyn were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Dyn were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Dyn elisa kit

Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of Dyn in mouse serum, plasma, tissue homogenates or other biological fluids.

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Dyn has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Dyn and unlabeled Dyn (Standards or samples) with the pre-coated antibody specific to Dyn. After incubation the unbound conjugate is washed off. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Dyn in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Dyn in the sample.

NCBI AND UNIPROT INFORMATION

NCBI GI #	359751391
NCBI GeneID	13430
NCBI Accession #	NP_001240822.1
NCBI GenBank Nucleotide #	NM_001253893.1
UniProt Accession #	P39054; Q9DBE1
Molecular Weight	97,733 Da
NCBI Official Full Name	dynamin-2 isoform 1
NCBI Official Synonym Full Names	dynamin 2
NCBI Official Symbol	Dnm2
NCBI Official Synonym Symbols	Dyn2; Udmn; b2b2159Clo
NCBI Protein Information	dynamin-2
UniProt Protein Name	Dynamin-2
UniProt Gene Name	Dnm2
UniProt Synonym Gene Names	Dyn2

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/big-dynorphin-dyn/64448>