

Mouse Enkephalin (ENK) ELISA Kit | ENK elisa kit

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CATALOG #
AAA138207

REACTIVITY
Mouse

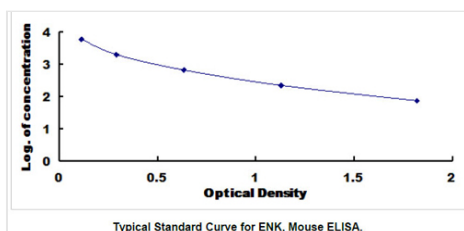
PRODUCT SYNONYMS

Enkephalin (ENK); Mouse Enkephalin (ENK) ELISA Kit; ENK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	269
Samples	Serum, plasma and other biological fluids
Assay Type	Competitive
Detection Range	74.07-6000pg/mL The standard curve concentrations used for the ELISA's were 6000pg/mL, 2000pg/mL, 666.67pg/mL, 222.22pg/mL, 74.07pg/mL
Sensitivity	28.07pg/mL
Preparation and Storage	For unopened kit, all the reagents should be kept according to the label on each vial. The Standard, Detection Reagent A, Detection Reagent B and the 96-well strip plate should be stored at -20 degree C while others should be at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ENK elisa kit

Principle of the assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to ENK has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled ENK and unlabeled ENK (Standards or samples) with the pre-coated antibody specific to ENK. 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 ENK in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of ENK in the sample.

NCBI AND UNIPROT INFORMATION

NCBI GI #	204026
NCBI GeneID	29237

UniProt Accession #	P04094; Q53X05
Molecular Weight	30,932 Da
NCBI Official Full Name	enkephalin
NCBI Official Synonym Full Names	proenkephalin
NCBI Official Symbol	Penk
NCBI Official Synonym Symbols	Enk; Penk1; Penk2; Penk-rs
NCBI Protein Information	proenkephalin-A; preproenkephalin 2; proenkephalin 1; proenkephalin related sequence
UniProt Protein Name	Proenkephalin-A
UniProt Gene Name	Penk
UniProt Synonym Gene Names	Penk-rs; Penk1; OGF
UniProt Entry Name	PENK_RAT

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/enkephalin-enk/138207>