

Rat Proenkephalin-A ELISA Kit | Penk elisa kit

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CATALOG #
AAA193392

REACTIVITY
Rat

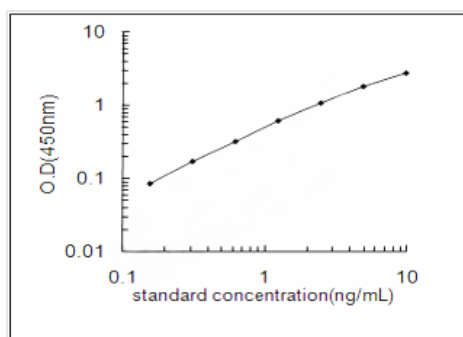
PRODUCT SYNONYMS

Proenkephalin-A; Rat Proenkephalin-A ELISA Kit; Penk; Penk-rs; Penk1; Penk elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Proenkephalin-A. No significant cross-reactivity or interference was observed.
Sequence Length	269
Samples	Serum, Plasma, Urine, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.15 ng/mL -10.0 ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Penk elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Proenkephalin-A concentrations in serum, Plasma, Urine, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Proenkephalin-A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Proenkephalin-A and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Proenkephalin-A, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Proenkephalin-A in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8393944
NCBI GeneID	29237
NCBI Accession #	NP_058835.1
NCBI GenBank Nucleotide #	NM_017139.1
UniProt Accession #	P04094; Q53X05
Molecular Weight	30,932 Da
NCBI Official Full Name	proenkephalin-A
NCBI Official Synonym Full Names	proenkephalin
NCBI Official Symbol	Penk
NCBI Official Synonym Symbols	Enk; Penk1; Penk2; Penk-rs
NCBI Protein Information	proenkephalin-A
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/penk-rat-elisa-kits/proenkephalin-a/193392>