

Human Heterogeneous Nuclear Ribonucleoprotein K (HNRPK) ELISA Kit | HNRPK elisa kit

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CATALOG #
AAA186741

REACTIVITY
Human

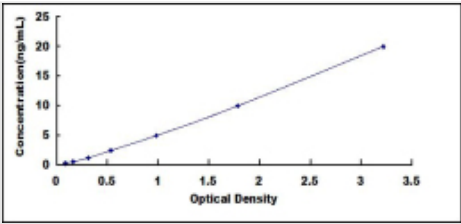
PRODUCT SYNONYMS

Heterogeneous Nuclear Ribonucleoprotein K (HNRPK); Human Heterogeneous Nuclear Ribonucleoprotein K (HNRPK) ELISA Kit; hnRNP-K; CSBP; HNRNPK; TUNP; Transformation Upregulated Nuclear Protein; HNRPK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Heterogeneous Nuclear Ribonucleoprotein K (HNRPK). No significant cross-reactivity or interference between Heterogeneous Nuclear Ribonucleoprotein K (HNRPK) and analogues was observed.
Sequence Length	463
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.122ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Heterogeneous Nuclear Ribonucleoprotein K (HNRPK) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Heterogeneous Nuclear Ribonucleoprotein K (HNRPK) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HNRPK elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Heterogeneous Nuclear Ribonucleoprotein K (HNRPK). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Heterogeneous Nuclear Ribonucleoprotein K (HNRPK). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Heterogeneous Nuclear Ribonucleoprotein K (HNRPK), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Heterogeneous Nuclear Ribonucleoprotein K (HNRPK) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16923998
NCBI GeneID	117282
NCBI Accession #	NP_476482.1
NCBI GenBank Nucleotide #	NM_057141.1
UniProt Accession #	P61980; Q07244; Q15671; Q60577; Q922Y7; Q96J62
Molecular Weight	50,976 Da
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein K
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein K
NCBI Official Symbol	Hnrnpk
NCBI Official Synonym Symbols	Csbp; Hnrpk
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein K
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein K
UniProt Gene Name	Hnrnpk
UniProt Synonym Gene Names	Hnrpk; hnRNP K; CSBP

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.