

Bovine Heterogeneous nuclear ribonucleoprotein K (HNRNPK) ELISA Kit | HNRNPK elisa kit

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CATALOG #
AAA245839

REACTIVITY
Bovine

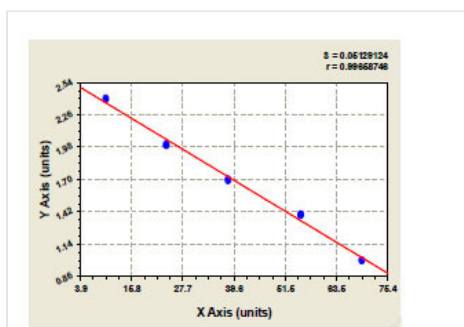
PRODUCT SYNONYMS

Heterogeneous nuclear ribonucleoprotein K (HNRNPK); Bovine Heterogeneous nuclear ribonucleoprotein K (HNRNPK) ELISA Kit; HNRNPK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for HNRNPK elisa kit

Intended Uses: This HNRNPK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine HNRNPK. This ELISA kit for research use only!

Principle of the Assay: HNRNPK ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-HNRNPK antibody and an HNRNPK-HRP conjugate. The assay sample and buffer are incubated together with HNRNPK-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HNRNPK concentration since HNRNPK from samples and HNRNPK-HRP conjugate compete for the anti-HNRNPK antibody binding site. Since the number of sites is limited, as more sites are occupied by HNRNPK from the sample, fewer sites are left to bind HNRNPK-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HNRNPK concentration in each sample is interpolated from this standard curve.

Product Categories/Family for HNRNPK elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	15929044
NCBI GeneID	3190
Molecular Weight	48,562 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; TUNP; HNRPK
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein K; dC-stretch binding protein; transformation upregulated nuclear protein
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein K
UniProt Gene Name	HNRNPK
UniProt Synonym Gene Names	HNRPK; hnRNP K; TUNP
UniProt Entry Name	HNRPK_HUMAN

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/bovine-ovine-elisa-kits/heterogeneous-nuclear-ribonucleoprotein-k-hnrnpk/245839>