

Human NFKB Repressing Factor (NKRF) ELISA Kit | NKRF elisa kit

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CATALOG #
AAA187325

REACTIVITY
Human

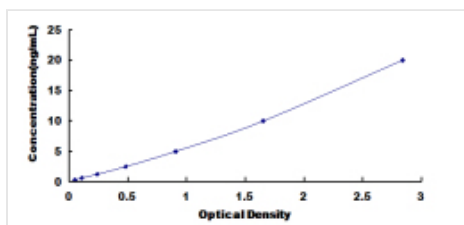
PRODUCT SYNONYMS

NFKB Repressing Factor (NKRF); Human NFKB Repressing Factor (NKRF) ELISA Kit; ITBA4; NRF; NF-Kappa B Repressing Factor; Transcription factor NRF; NKRF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NFKB Repressing Factor (NKRF). No significant cross-reactivity or interference between NFKB Repressing Factor (NKRF) and analogues was observed.
Sequence Length	705
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.126ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level NFKB Repressing Factor (NKRF) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level NFKB Repressing Factor (NKRF) 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 NKRF 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 NFkB Repressing Factor (NKRF). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to NFkB Repressing Factor (NKRF). 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 NFkB Repressing Factor (NKRF), 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 NFkB Repressing Factor (NKRF) 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 #	291084505
NCBI GeneID	55922
NCBI Accession #	NP_001166958.1
NCBI GenBank Nucleotide #	NM_001173487.1
UniProt Accession #	O15226; Q4VC41; Q9UJ91; G3V1N1
Molecular Weight	79,496 Da
NCBI Official Full Name	NF-kappa-B-repressing factor isoform 1
NCBI Official Synonym Full Names	NFkB repressing factor
NCBI Official Symbol	NKRF
NCBI Official Synonym Symbols	NRF; ITBA4
NCBI Protein Information	NF-kappa-B-repressing factor
UniProt Protein Name	NF-kappa-B-repressing factor
UniProt Gene Name	NKRF
UniProt Synonym Gene Names	ITBA4; NRF; NFkB-repressing factor

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.