

Mouse Nuclear factor ELISA Kit | NF elisa kit

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CATALOG #
AAA85734

REACTIVITY
Mouse

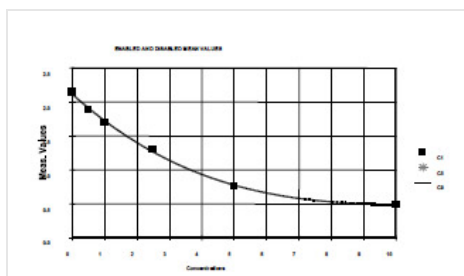
PRODUCT SYNONYMS

Nuclear factor; Mouse Nuclear factor ELISA Kit; NF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NF elisa kit

For Samples: Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma

Intended Uses: This NFkB ELISA kit is intended for laboratory research use only. The stop solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of NFkB in the sample, this NFkB ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus NFkB concentration. The concentration of in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: The coated well immunoenzymatic assay for the quantitative measurement of NFkB utilizes a monoclonal anti-NFkB antibody and an NFkB-HRP conjugate. The assay sample and buffer are incubated together with NFkB-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 NFkB concentration since NFkB from samples and NFkB-HRP conjugate compete for the anti-NFkB antibody binding site. Since the number of sites is limited, as more sites are occupied by NFkB from the sample, fewer sites are left to bind NFkB-HRP conjugate. Standards of known NFkB concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (Optical Density) to the concentration of NFkB. The NFkB concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7717256
NCBI GeneID	8204
UniProt Accession #	P48552; Q8IWE8
Molecular Weight	126,942 Da
NCBI Official Full Name	nuclear factor
NCBI Official Synonym Full Names	nuclear receptor interacting protein 1
NCBI Official Symbol	NRIP1
NCBI Official Synonym Symbols	RIP140
NCBI Protein Information	nuclear receptor-interacting protein 1; nuclear factor RIP140; receptor interacting protein 140; receptor-interacting protein 140
UniProt Protein Name	Nuclear receptor-interacting protein 1
UniProt Gene Name	NRIP1
UniProt Entry Name	NRIP1_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/nf-mouse-elisa-kits/nuclear-factor/85734>