

Mouse Inhibitor of κ B kinase alpha ELISA Kit | IKBa elisa kit

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CATALOG #
AAA85744

REACTIVITY
Mouse

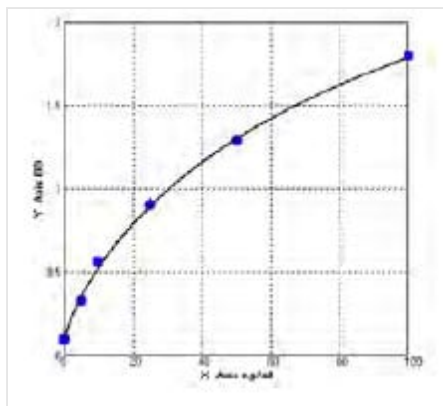
PRODUCT SYNONYMS

Inhibitor of κ B kinase alpha; Mouse Inhibitor of κ B kinase alpha ELISA Kit; Mouse Inhibitor of κ B kinase a ELISA Kit; IKBa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of IKKalpha. No significant cross-reactivity or interference between IKKalpha and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IKKalpha and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IKBa elisa kit	Intended Uses: This IKKalpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse IKKalpha. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: IKKalpha ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for IKKalpha. Standards or samples are then added to the microtiter plate wells and IKKalpha if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of IKKalpha present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for IKKalpha are added to each well to "sandwich" the IKKalpha immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain IKKalpha and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IKKalpha concentration in each sample is interpolated from this standard curve.
Product Categories/Family for IKBa elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	6706211
NCBI GeneID	4792
UniProt Accession #	P25963; B2R8L6
Molecular Weight	35,609 Da
NCBI Official Full Name	IkBα
NCBI Official Synonym Full Names	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha
NCBI Official Symbol	NFKBIA
NCBI Official Synonym Symbols	IKBA; MAD-3; NFKBI
NCBI Protein Information	NF-kappa-B inhibitor alpha; ikB-alpha; IkappaBalphα; I-kappa-B-alpha; nuclear factor of kappa light chain gene enhancer in B-cells; major histocompatibility complex enhancer-binding protein MAD3
UniProt Protein Name	NF-kappa-B inhibitor alpha
UniProt Gene Name	NFKBIA
UniProt Synonym Gene Names	IKBA; MAD3; NFKBI; IkB-alpha; IkappaBalphα
UniProt Entry Name	IKBA_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.