

Human Nuclear Factor Kappa B2 (NFkB2) ELISA Kit | NFkB2 elisa kit

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CATALOG #
AAA185116

REACTIVITY
Human

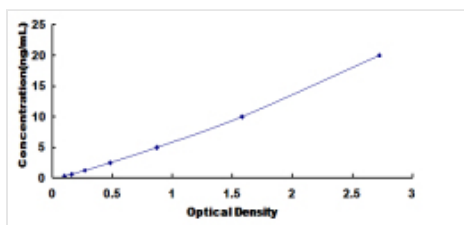
PRODUCT SYNONYMS

Nuclear Factor Kappa B2 (NFkB2); Human Nuclear Factor Kappa B2 (NFkB2) ELISA Kit; LYT-10; H2TF1; Lymphocyte translocation chromosome 10; Nuclear Factor Of Kappa Light Polypeptide Gene Enhancer In B-Cells 2(p49/P100); Nuclear factor NF-kappa-B p52; NFkB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Nuclear Factor Kappa B2 (NFkB2). No significant cross-reactivity or interference between Nuclear Factor Kappa B2 (NFkB2) and analogues was observed.
Sequence Length	899
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 Nuclear Factor Kappa B2 (NFkB2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Nuclear Factor Kappa B2 (NFkB2) 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 NFkB2 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 Nuclear Factor Kappa B2 (NFkB2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Nuclear Factor Kappa B2 (NFkB2). 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 Nuclear Factor Kappa B2 (NFkB2), 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 Nuclear Factor Kappa B2 (NFkB2) 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 #	857455
NCBI GeneID	4791
UniProt Accession #	Q00653; Q04860; Q9BU75; Q9H471; Q9H472; A8K9D9; D3DR83
Molecular Weight	96,678 Da
NCBI Official Full Name	nuclear factor kappa-B2, partial
NCBI Official Synonym Full Names	nuclear factor kappa B subunit 2
NCBI Official Symbol	NFKB2
NCBI Official Synonym Symbols	p52; p100; H2TF1; LYT10; CVID10; LYT-10; NF-kB2; p49/p100
NCBI Protein Information	nuclear factor NF-kappa-B p100 subunit
UniProt Protein Name	Nuclear factor NF-kappa-B p100 subunit
UniProt Gene Name	NFKB2
UniProt Synonym Gene Names	LYT10; Lyl10

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://www.aaabiotech.com/human-elisa-kits/nuclear-factor-kappa-b2-nfkb2/185116>