

Human Nuclear Factor Of Activated T-Cells, Cytoplasmic 2 (NFATC2) ELISA Kit | NFATC2 elisa kit

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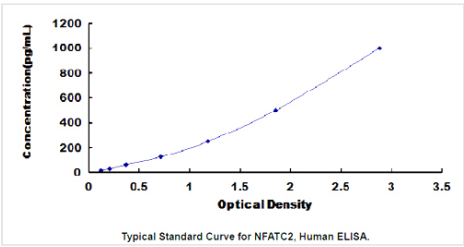
CATALOG # AAA136892	REACTIVITY Human
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PRODUCT SYNONYMS

Nuclear Factor Of Activated T-Cells; Cytoplasmic 2 (NFATC2); Human Nuclear Factor Of Activated T-Cells; Cytoplasmic 2 (NFATC2) ELISA Kit; NFAT1; NFATP; NF-ATP; NFAT pre-existing subunit; T-cell transcription factor NFAT1; NFATC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Nuclear Factor Of Activated T-Cells, Cytoplasmic 2 (NFATC2). No significant cross-reactivity or interference between Nuclear Factor Of Activated T-Cells, Cytoplasmic 2 (NFATC2) and analogues was observed.
Sequence Length	925
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.059ng/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 Of Activated T-Cells, Cytoplasmic 2 (NFATC2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Nuclear Factor Of Activated T-Cells, Cytoplasmic 2 (NFATC2) 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.



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NFATC2 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 Of Activated T-Cells, Cytoplasmic 2 (NFATC2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Nuclear Factor Of Activated T-Cells, Cytoplasmic 2 (NFATC2). 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 Of Activated T-Cells, Cytoplasmic 2 (NFATC2), 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 Of Activated T-Cells, Cytoplasmic 2 (NFATC2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for NFATC2 elisa kit	Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	27886541
NCBI GeneID	4773
NCBI Accession #	NP_775114.1
NCBI GenBank Nucleotide #	NM_173091.3
UniProt Accession #	Q13469; Q13468; Q5TFW7; Q5TFW8; Q9NPX6; Q9NQH3; Q9UJR2; B5B2N8; B5B2N9; B5B2P0; B5B2P2; B5B2P3
Molecular Weight	76,700 Da
NCBI Official Full Name	nuclear factor of activated T-cells, cytoplasmic 2 isoform C
NCBI Official Synonym Full Names	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2
NCBI Official Symbol	NFATC2
NCBI Official Synonym Symbols	NFAT1; NFATP
NCBI Protein Information	nuclear factor of activated T-cells, cytoplasmic 2
UniProt Protein Name	Nuclear factor of activated T-cells, cytoplasmic 2
UniProt Gene Name	NFATC2
UniProt Synonym Gene Names	NFAT1; NFATP; NF-ATc2; NFATc2; NF-ATp
UniProt Entry Name	NFAC2_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.