

Human Nuclear Transcription Factor Y Gamma (NFYC) ELISA Kit | NFYC elisa kit

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CATALOG #
AAA64311

REACTIVITY
Human

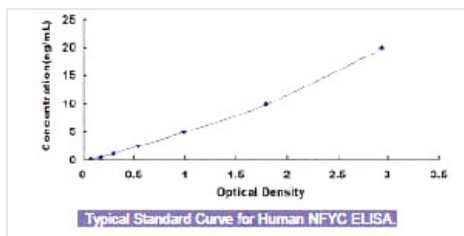
PRODUCT SYNONYMS

Nuclear Transcription Factor Y Gamma (NFYC); Human Nuclear Transcription Factor Y Gamma (NFYC) ELISA Kit; cAMP-specific 3; 5-cyclic phosphodiesterase 4D; DPDE3; PDE43; NFYC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NFYC. No significant cross-reactivity or interference between NFYC and analogues was observed.
Sequence Length	334
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.114ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NFYC were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level NFYC were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NFYC elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NFYC in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NFYC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NFYC. 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 NFYC, 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 NFYC 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 #	217272829
NCBI GeneID	4802
NCBI Accession #	NP_001136059.1
NCBI GenBank Nucleotide #	NM_001142587.1
UniProt Accession #	Q13952; Q59GY4; Q5T6K8; Q5T6K9; Q5T6L1; Q5TZR6; Q92869; Q9HBX1; B4DUS6; B4DW63; D3DPV9; F8VWM3
Molecular Weight	37,066 Da
NCBI Official Full Name	nuclear transcription factor Y subunit gamma isoform 3
NCBI Official Synonym Full Names	nuclear transcription factor Y subunit gamma
NCBI Official Symbol	NFYC
NCBI Official Synonym Symbols	HSM; CBFC; HAP5; CBF-C; NF-YC; H1TF2A
NCBI Protein Information	nuclear transcription factor Y subunit gamma
UniProt Protein Name	Nuclear transcription factor Y subunit gamma
UniProt Gene Name	NFYC
UniProt Synonym Gene Names	NF-YC

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/human-elisa-kits/nuclear-transcription-factor-y-gamma-nfyc/64311>