

Mouse Nuclear Factor I/X (NFIX) ELISA Kit | NFIX elisa kit

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CATALOG #
AAA68617

REACTIVITY
Mouse

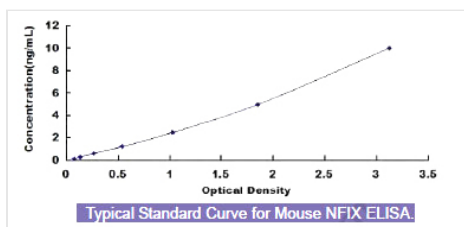
PRODUCT SYNONYMS

Nuclear Factor I/X (NFIX); Mouse Nuclear Factor I/X (NFIX) ELISA Kit; NF1A; CTF; CCAAT-Binding Transcription Factor; TGGCA-binding protein; NFIX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of NFIX. No significant cross-reactivity or interference between NFIX and analogues was observed.
Sequence Length	441
Samples	tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	<0.061ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NFIX 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 NFIX were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NFIX elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of NFIX in mouse tissue homogenates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NFIX. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NFIX. 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 NFIX, 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 NFIX in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126517487
NCBI GeneID	18032
NCBI Accession #	NP_001075451.1
NCBI GenBank Nucleotide #	NM_001081982.2
UniProt Accession #	P70257; O08519; P70258; Q64192; Q99L78; Q9R1G2
Molecular Weight	44,637 Da
NCBI Official Full Name	nuclear factor 1 X-type isoform 1
NCBI Official Synonym Full Names	nuclear factor I/X
NCBI Official Symbol	Nfix
NCBI Official Synonym Symbols	CTF; NF1-X; NFI-X; NF-I/X
NCBI Protein Information	nuclear factor 1 X-type
UniProt Protein Name	Nuclear factor 1 X-type
UniProt Gene Name	Nfix
UniProt Synonym Gene Names	NF1-X; Nuclear factor 1/X; CTF; NF-I/X; NFI-X

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/nuclear-factor-i-x-nfix/68617>