

Mouse Nuclear Transport Factor 2 ELISA Kit | NUTF2 elisa kit

Mouse Nuclear Transport Factor 2 (NUTF2) (Sandwich ELISA) ELISA Kit

CATALOG #
AAA190045

REACTIVITY
Mouse

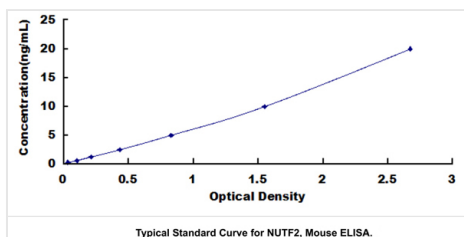
PRODUCT SYNONYMS

Nuclear Transport Factor 2; Mouse Nuclear Transport Factor 2 (NUTF2) (Sandwich ELISA) ELISA Kit; NTF2; PP15; Placental protein 15; ELISA Kit for Nuclear Transport Factor 2 (NUTF2); NUTF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of NUTF2. No significant cross-reactivity or interference between NUTF2 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.113ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NUTF2 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 NUTF2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NUTF2 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to NUTF2. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to NUTF2. 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 NUTF2, 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 NUTF2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NUTF2 in mouse tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for NUTF2 elisa kit	Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	13386032
NCBI GeneID	68051
NCBI Accession #	NP_080808.1
NCBI GenBank Nucleotide #	NM_026532.3
UniProt Accession #	P61971; P13662; Q3TI35
Molecular Weight	14,478 Da
NCBI Official Full Name	nuclear transport factor 2
NCBI Official Synonym Full Names	nuclear transport factor 2
NCBI Official Symbol	Nutf2
NCBI Official Synonym Symbols	Ntf2; Ntf3; PP15; AI115459; AI413596; AW546000; 2700067I02Rik
NCBI Protein Information	nuclear transport factor 2; NTF-2
UniProt Protein Name	Nuclear transport factor 2
UniProt Gene Name	Nutf2
UniProt Synonym Gene Names	Ntf2; NTF-2
UniProt Entry Name	NTF2_MOUSE

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.