

Mouse nuclear factor (erythroid-derived 2) -like 2 ELISA Kit | NFE2L2 elisa kit

Mouse Nuclear factor erythroid 2-related factor 2, Nrf2 ELISA Kit

CATALOG #
AAA80853

REACTIVITY
Mouse

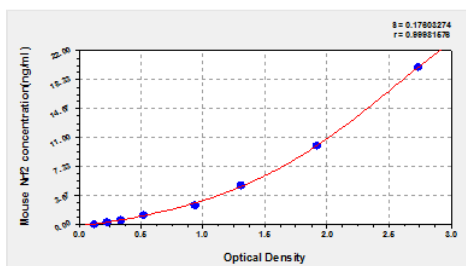
PRODUCT SYNONYMS

nuclear factor (erythroid-derived 2) -like 2; Mouse Nuclear factor erythroid 2-related factor 2; Nrf2 ELISA Kit; Mouse Nuclear factor erythroid 2-related factor 2 (Nrf2) ELISA Kit; NRF2; NF-E2-related factor 2; nuclear factor erythroid 2-like 2; NFE2L2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse NFE2L2. No significant cross-reactivity or interference between Mouse NFE2L2 and analogues was observed.
Sequence Length	597
Samples	Serum, plasma and cell culture supernates
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Transcription/Transcription regulation
Protein Biological Process 3	Transcription
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NFE2L2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Nuclear factor erythroid 2-related factor 2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for Nuclear factor erythroid 2-related factor 2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain Nuclear factor erythroid 2-related factor 2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Nuclear factor erythroid 2-related factor 2 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 #	6754832
NCBI GeneID	18024
NCBI Accession #	NP_035032.1
NCBI GenBank Nucleotide #	NM_010902.3
UniProt Accession #	Q60795; Q3UQK0
Molecular Weight	66,901 Da
NCBI Official Full Name	nuclear factor erythroid 2-related factor 2
NCBI Official Synonym Full Names	nuclear factor, erythroid derived 2, like 2
NCBI Official Symbol	Nfe2l2
NCBI Official Synonym Symbols	Nrf2; AI194320
NCBI Protein Information	nuclear factor erythroid 2-related factor 2; NFE2-related factor 2; NF-E2-related factor 2
UniProt Protein Name	Nuclear factor erythroid 2-related factor 2
UniProt Gene Name	Nfe2l2
UniProt Synonym Gene Names	Nrf-2; Nrf2; NF-E2-related factor 2; NFE2-related factor 2
UniProt Entry Name	NF2L2_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.

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Online datasheet: <https://stage.aaabiotech.com/nfe2l2-mouse-elisa-kits/nuclear-factor-erythroid-derived-2-like-2/80853>