

Rat Nuclear factor erythroid 2-related factor 2 ELISA Kit | Nfe2l2 elisa kit

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CATALOG #
AAA191691

REACTIVITY
Rat

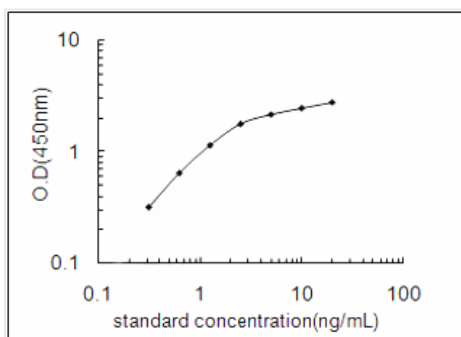
PRODUCT SYNONYMS

Nuclear factor erythroid 2-related factor 2; Rat Nuclear factor erythroid 2-related factor 2 ELISA Kit; NF-E2-related factor 2; NFE2-related factor 2; Nuclear factor; erythroid derived 2; like 2; Nfe2l2; Nrf2; Nfe2l2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat NF-E2-related factor 2. No significant cross-reactivity or interference was observed.
Sequence Length	597
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.188 ng/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=8.3%
Recovery	109%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Nfe2l2 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat nuclear factor erythroid 2-related factor 2,NF-E2-related factor 2 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay The microtiter plate provided in this kit has been pre-coated with an antibody specific to NF-E2-related factor 2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for NF-E2-related factor 2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain NF-E2-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 NF-E2-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 #	13929118
NCBI GeneID	83619
NCBI Accession #	NP_113977.1
NCBI GenBank Nucleotide #	NM_031789.2
UniProt Accession #	O54968; Q6P7C8
Molecular Weight	66,956 Da
NCBI Official Full Name	nuclear factor erythroid 2-related factor 2
NCBI Official Synonym Full Names	nuclear factor, erythroid 2-like 2
NCBI Official Symbol	Nfe2l2
NCBI Protein Information	nuclear factor erythroid 2-related factor 2
UniProt Protein Name	Nuclear factor erythroid 2-related factor 2
UniProt Gene Name	Nfe2l2
UniProt Synonym Gene Names	Nrf2; NF-E2-related factor 2; NFE2-related factor 2
UniProt Entry Name	NF2L2_RAT

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-rat-elisa-kits/nuclear-factor-erythroid-2-related-factor-2/191691>