

Rat Nuclear Factor, Erythroid Derived 2 Like Protein 2 ELISA Kit | Nfe2l2 elisa kit

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CATALOG #
AAA97843

REACTIVITY
Rat

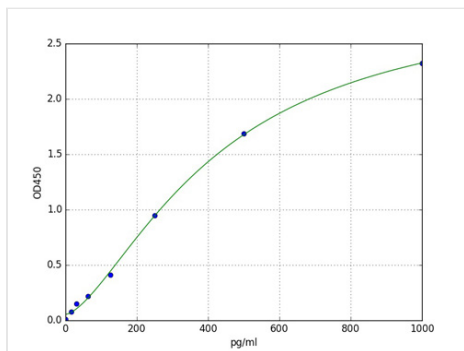
PRODUCT SYNONYMS

Nuclear Factor; Erythroid Derived 2 Like Protein 2; Rat Nuclear Factor; Erythroid Derived 2 Like Protein 2 ELISA Kit; NFE2L2/HEBP1/NF-E2-related factor 2/NFE2-related factor 2/NRF2erythroid derived 2; like 2/nuclear factor (erythroid-derived 2)-like 2/nuclear factor erythroid 2-related factor 2/nuclear factor erythroid-derived 2-like 2; Nfe2l2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	373
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat Nfe2l2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.033	0.079	0.146	0.230	0.460	1.007	1.703	2.495

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Nfe2l2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Nfe2l2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Nfe2l2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Nfe2l2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Nfe2l2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38328196
NCBI GeneID	18022
Molecular Weight	41,565 Da
NCBI Official Full Name	Nuclear factor, erythroid derived 2
NCBI Official Synonym Full Names	nuclear factor, erythroid derived 2
NCBI Official Symbol	Nfe2
NCBI Official Synonym Symbols	p45; NF-E2; p45NFE2; p45nf-e2; NF-E2/P45
NCBI Protein Information	transcription factor NF-E2 45 kDa subunit
UniProt Protein Name	Transcription factor NF-E2 45 kDa subunit
UniProt Gene Name	Nfe2
UniProt Entry Name	NFE2_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-rat-elisa-kits/nuclear-factor-erythroid-derived-2-like-protein-2/97843>