

Human Nuclear factor erythroid 2-related factor 1 ELISA Kit | NFE2L1 elisa kit

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CATALOG #
AAA97674

REACTIVITY
Human

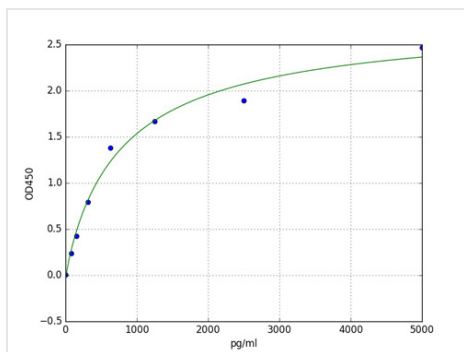
PRODUCT SYNONYMS

Nuclear factor erythroid 2-related factor 1; Human Nuclear factor erythroid 2-related factor 1 ELISA Kit; NFE2L1/Nuclear factor erythroid 2-related factor 1/NF-E2-related factor 1/NFE2-related factor 1/Transcription factor LCR-F1/Transcription factor HBZ17/Transcription factor 11/TCF-11/Locus control region-factor 1/Nuclear factor; erythroid derived 2; like 1/NRF1/TCF11/LCR-F1/HBZ17/Alpha palindromic-binding protein/Alpha-pal/ALPHA-PAL/EWG/NRF-1/nuclear respiratory factor 1; NFE2L1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	772
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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 Human NFE2L1 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	78	156	312.5	625	1250	2500	5000
Y	OD450	0.036	0.412	0.738	0.968	1.452	1.937	2.242	2.331

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NFE2L1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human NFE2L1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human NFE2L1 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 Human NFE2L1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human NFE2L1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505379
NCBI GeneID	4779
NCBI Accession #	NP_003195.1
NCBI GenBank Nucleotide #	NM_003204.2
Molecular Weight	81,499 Da
NCBI Official Full Name	nuclear factor erythroid 2-related factor 1
NCBI Official Synonym Full Names	nuclear factor, erythroid 2 like 1
NCBI Official Symbol	NFE2L1
NCBI Official Synonym Symbols	NRF1; TCF11; LCR-F1
NCBI Protein Information	nuclear factor erythroid 2-related factor 1
UniProt Protein Name	Nuclear factor erythroid 2-related factor 1
UniProt Gene Name	NFE2L1
UniProt Synonym Gene Names	HBZ17; NRF1; TCF11; NF-E2-related factor 1; NFE2-related factor 1; TCF-11
UniProt Entry Name	NF2L1_HUMAN

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/nfe2l1-human-elisa-kits/nuclear-factor-erythroid-2-related-factor-1/97674>