

Human Nuclear factor erythroid 2-related factor 2, NRF2 ELISA Kit | NRF2 elisa kit

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CATALOG #
AAA122481

REACTIVITY
Human

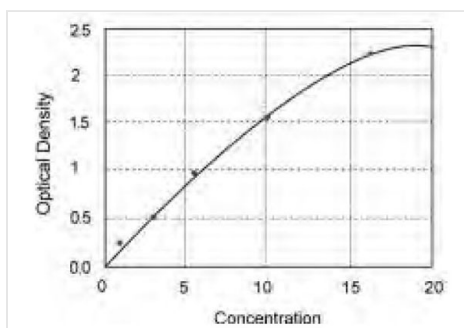
PRODUCT SYNONYMS

Nuclear factor erythroid 2-related factor 2; NRF2; Human Nuclear factor erythroid 2-related factor 2; NRF2 ELISA Kit; NRF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	505
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.2-60ng/ml
Sensitivity	0.11ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NRF2 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human NRF2 antibody. NRF2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human NRF2 Antibody is added and binds to NRF2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NRF2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human NRF2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Nuclear factor erythroid 2-related factor 2 (also known as NRF2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	926657654
NCBI GeneID	4780
NCBI Accession #	NP_001300833.1
NCBI GenBank Nucleotide #	NM_001313904.1
Molecular Weight	66,076 Da
NCBI Official Full Name	nuclear factor erythroid 2-related factor 2 isoform 6
NCBI Official Synonym Full Names	nuclear factor, erythroid 2 like 2
NCBI Official Symbol	NFE2L2
NCBI Official Synonym Symbols	NRF2; HEBP1; IMDDHH
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

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/human-elisa-kits/nuclear-factor-erythroid-2-related-factor-2-nrf2/122481>