

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

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CATALOG #  
**AAA122547**

REACTIVITY  
**Rat**

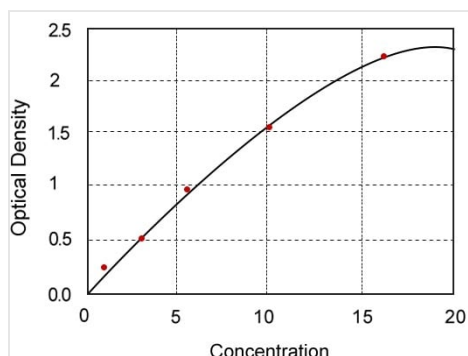
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Rat                                                                      |
| Sequence Length         | 505                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.2ng/ml - 60ng/ml                                                       |
| Sensitivity             | 0.07ng/ml                                                                |
| Intra-Assay             | CV<8%                                                                    |
| 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

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Rat Nuclear Factor Erythroid 2-Related Factor 2 (also known as NRF2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat NRF2 antibody. NRF2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat 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 Rat NRF2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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                | <b>NFE2L2</b>                                         |
| 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/rat-elisa-kits/nuclear-factor-erythroid-2-related-factor-2-nrf2/122547>