

## Nuclear respiratory factor 1, NRF1 ELISA Kit | NRF1 elisa kit

Rat Nuclear respiratory factor 1, NRF1 ELISA Kit

CATALOG #  
**AAA120822**

REACTIVITY  
**Rat**

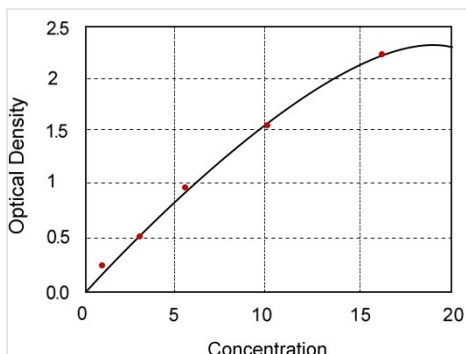
### PRODUCT SYNONYMS

Nuclear respiratory factor 1; NRF1; Rat Nuclear respiratory factor 1; NRF1 ELISA Kit; NRF1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Rat                                                                      |
| Sequence Length         | 522                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.2ng/ml - 60ng/ml                                                       |
| Sensitivity             | 0.11ng/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 NRF1 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Rat Nuclear Respiratory Factor 1 (also known as NRF1) 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 NRF1 antibody. NRF1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat NRF1 Antibody is added and binds to NRF1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NRF1 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 NRF1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                              |
|----------------------------------|------------------------------|
| NCBI GI #                        | 16877341                     |
| NCBI GeneID                      | 4899                         |
| Molecular Weight                 | 46,157 Da                    |
| NCBI Official Full Name          | NRF1 protein                 |
| NCBI Official Synonym Full Names | nuclear respiratory factor 1 |
| NCBI Official Symbol             | NRF1                         |
| NCBI Official Synonym Symbols    | ALPHA-PAL                    |
| NCBI Protein Information         | nuclear respiratory factor 1 |
| UniProt Protein Name             | Nuclear respiratory factor 1 |
| UniProt Gene Name                | <b>NRF1</b>                  |
| UniProt Synonym Gene Names       | NRF-1; Alpha-pal             |

**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-respiratory-factor-1-nrf1/120822>