

Mouse Nuclear Respiratory Factor 1 (NRF1) RTU ELISA Kit | NRF1 rtu elisa kit

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CATALOG #
AAA219449

REACTIVITY
Mouse

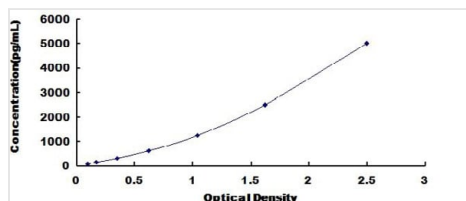
PRODUCT SYNONYMS

Nuclear Respiratory Factor 1 (NRF1); Mouse Nuclear Respiratory Factor 1 (NRF1) ELISA Kit; ALPHA-PAL; EWG; Alpha Palindromic-Binding Protein; NRF1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	503
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	78.1-5000pg/mL
Sensitivity	29.7pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NRF1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NRF1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NRF1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain NRF1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of NRF1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	255982544
NCBI GeneID	18181
NCBI Accession #	NP_001157698.1
NCBI GenBank Nucleotide #	NM_001164226.1
UniProt Accession #	Q9WU00; Q9CXE4
Molecular Weight	46,157 Da
NCBI Official Full Name	nuclear respiratory factor 1 isoform a
NCBI Official Synonym Full Names	nuclear respiratory factor 1
NCBI Official Symbol	Nrf1
NCBI Official Synonym Symbols	C87038; D6Ert415e
NCBI Protein Information	nuclear respiratory factor 1
UniProt Protein Name	Nuclear respiratory factor 1
UniProt Gene Name	Nrf1
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/mouse-rtu-elisa-kits/nuclear-respiratory-factor-1-nrf1/219449>