



[Go to Product page](#)

Datasheet for ABIN5674706  
**NRF1 ELISA Kit**

### Overview

Quantity:	96 tests
Target:	NRF1
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	78.125 pg/mL - 5000 pg/mL
Minimum Detection Limit:	78.125 pg/mL
Application:	ELISA

### Product Details

Sample Type:	Cell Lysate, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	30.98 pg/mL
Components:	Pre-coated, ready to use 96-well strip plate Standard (freeze dried) Standard Diluent Detection Reagent A Detection Reagent B Assay Diluent A Assay Diluent B TMB Substhumane

## Product Details

---

Stop Solution  
Wash Buffer(30 x concenthumane)  
Plate sealer for 96 wells  
Instruction manual

---

Material not included:

1. Microplate reader with  $450 \pm 10\text{nm}$  filter.
2. Precision single or multi-channel pipettes and disposable tips.
3. Eppendorf Tubes for diluting samples.
4. Deionized or distilled water.
5. Absorbent paper for blotting the microtiter plate.
6. Container for Wash Solution.

## Target Details

---

Target: NRF1

---

Abstract: [NRF1 Products](#)

---

Background: Alternative name: ALPHA-PAL, EWG, Alpha Palindromic-Binding Protein

---

Gene ID: 4899

---

UniProt: [Q16656](#)

---

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

## Application Details

---

Application Notes: Optimal working dilution should be determined by the investigator.

---

Assay Time: 1 - 4.5 h

---

Plate: Pre-coated

---

Protocol:

1. Prepare all reagents, samples and standards
2. Add 100 $\mu\text{L}$  standard or sample to each well. Incubate 2 hours at 37°C
3. Aspirate and add 100 $\mu\text{L}$  prepared Detection Reagent A. Incubate 1 hour at 37°C
4. Aspirate and wash 3 times
5. Add 100 $\mu\text{L}$  prepared Detection Reagent B. Incubate 1 hour at 37°C
6. Aspirate and wash 5 times
7. Add 90 $\mu\text{L}$  Substrate Solution. Incubate 15-25 minutes at 37°C
8. Add 50 $\mu\text{L}$  Stop Solution. Read at 450nm immediately.

---

## Application Details

---

Restrictions: For Research Use only

## Handling

---

Storage: 4 °C

Expiry Date: 12 months