

Datasheet for ABIN5674830 IKBKG ELISA Kit



[Go to Product page](#)

Overview

Quantity: 96 tests

Target: IKBKG

Reactivity: Human

Method Type: Sandwich ELISA

Detection Range: 1.56 ng/mL - 100 ng/mL

Minimum Detection Limit: 1.56 ng/mL

Application: ELISA

Product Details

Sample Type: Cell Lysate, Tissue Homogenate

Analytical Method: Quantitative

Detection Method: Colorimetric

Sensitivity: 0.67 ng/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 ± 10 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: IKBKG

Alternative Name: Inhibitor Of Kappa Light Polypeptide Gene Enhancer In B-Cells Kinase Gamma (IkBKG) ([IKBKG Products](#))

Background: Alternative name: IP, FIP-3, FIP3, Fip3p, IKK-gamma, IP1, IP2, NEMO, NF-Kappa-B Essential Modulator, Incontinentia Pigmenti, Ikb kinase-associated protein 1, NF-kappa-B essential modifier

Gene ID: 8517

UniProt: [Q9Y6K9](#)

Pathways: [NF-kappaB Signaling](#), [RTK Signaling](#), [TCR Signaling](#), [TLR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Activation of Innate immune Response](#), [M Phase](#), [Production of Molecular Mediator of Immune Response](#), [Hepatitis C](#), [Protein targeting to Nucleus](#), [Toll-Like Receptors Cascades](#), [BCR Signaling](#), [Ubiquitin Proteasome Pathway](#), [S100 Proteins](#)

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 100µL standard or sample to each well. Incubate 2 hours at 37°C
3. Aspirate and add 100µL prepared Detection Reagent A. Incubate 1 hour at 37°C

Application Details

4. Aspirate and wash 3 times
5. Add 100µL prepared Detection Reagent B. Incubate 1 hour at 37°C
6. Aspirate and wash 5 times
7. Add 90µL Substrate Solution. Incubate 15-25 minutes at 37°C
8. Add 50µL Stop Solution. Read at 450nm immediately.

Restrictions: For Research Use only

Handling

Storage: 4 °C

Expiry Date: 12 months