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Datasheet for ABIN5526711

## FOX03 ELISA Kit

### 2 Images

#### Overview

Quantity: 96 tests

Target: FOX03

Binding Specificity: pSer263, total

Reactivity: Human, Mouse

Method Type: Sandwich ELISA

Application: ELISA

#### Product Details

**Purpose:** Human and Mouse Phospho-FOX03 (Ser253) and Total FOX03 ELISA Kit. This assay semi-quantitatively measures FOX03 phosphorylated at Serine-263 as well as total FOX03 in cell lysate samples.

**Sample Type:** Cell Culture Lysate

**Analytical Method:** Semi-Quantitative

**Detection Method:** Colorimetric

**Specificity:** This ELISA kit recognizes Human and Mouse FOX03 phosphorylated at site Serine-263 as well as total FOX03.

**Characteristics:**

- Simultaneously measure Phosphorylated protein and pan protein in one experiment (for normalization purpose)
- Screen numerous different cell lysates without performing a Western Blot analysis
- Minimal hands-on time, convenient, and non-radioactive material

**Components:**

- Pre-Coated 96-well Strip Microplate

## Product Details

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- Wash Buffer
- Anti-Phospho Antibody
- Anti-Pan Antibody
- HRP-Conjugated Secondary Antibody
- Streptavidin-Conjugated HRP
- Assay Diluent
- TMB One-Step Substrate
- Stop Solution
- Lysis Buffer
- Positive Control Sample

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### Material not included:

- Distilled or deionized water
- 100 mL and 1 liter graduated cylinders
- Tubes to prepare sample dilutions
- Protease and Phosphatase inhibitors
- Precision pipettes to deliver 2 µL to 1 mL volumes
- Adjustable 1-25 mL pipettes for reagent preparation
- Benchtop rocker or shaker
- Microplate reader capable of measuring absorbance at 450 nm

## Target Details

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Target: FOXO3

Alternative Name: FOXO3 ([FOXO3 Products](#))

Gene ID: 2309

UniProt: [O43524](#), [Q9WVH4](#)

Pathways: [Cell Division Cycle](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Carbohydrate Homeostasis](#)

## Application Details

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

Plate: Pre-coated

Protocol:

1. Prepare all reagents and samples as instructed in the manual.
2. Add 100 µL of sample or positive control to each well.
3. Incubate 2.5 h at RT or O/N at 4 °C.
4. Add 100 µL of prepared primary antibody to each well.
5. Incubate 1 h at RT.

## Application Details

6. Add 100  $\mu$ L of prepared 1X HRP-Streptavidin to each well.
7. Incubate 1 h at RT.
8. Add 100  $\mu$ L of TMB One-Step Substrate Reagent to each well.
9. Incubate 30 min at RT.
10. Add 50  $\mu$ L of Stop Solution to each well.
11. Read at 450 nm immediately.

Restrictions: For Research Use only

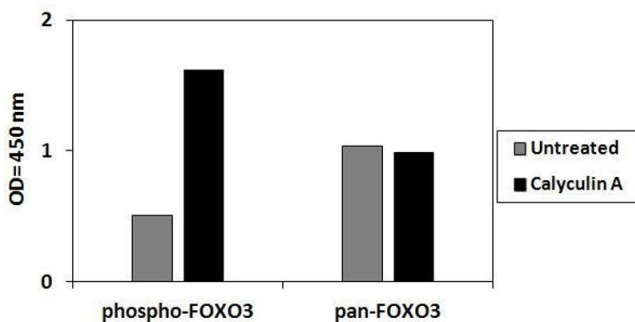
## Handling

Storage: -20 °C

Storage Comment: Upon receipt, the kit should be stored at -20 °C. Please use within 6 months from the date of shipment. After initial use, Wash Buffer Concentrate (Item B), Assay Diluent (Item E), TMB One-Step Substrate Reagent (Item H), HRP-Streptavidin (Item G), Stop Solution (Item I) and Cell Lysate Buffer (Item J) should be stored at 4 °C to avoid repeated freeze-thaw cycles. Return unused wells to the pouch containing desiccant pack, reseal along entire edge and store at -20 °C. Reconstituted Positive Control (Item K) should be stored at -70 °C.

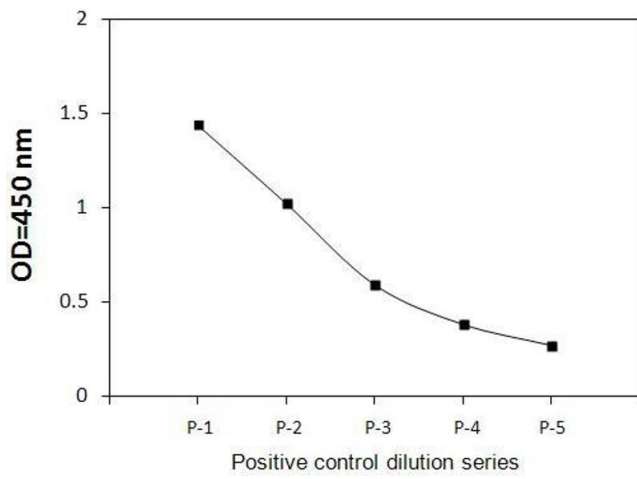
Expiry Date: 6 months

## Images



### ELISA

**Image 1.** HeLa cells were treated or untreated with Calyculin A. Cell lysates were analyzed using this phosphoELISA and Western Blot.



## ELISA

**Image 2.** HeLa cells were treated with Calyculin A. Solubilize cells at  $4 \times 10^7$  cells/ml in Cell Lysate Buffer. Serial dilutions of lysates were analyzed in this ELISA.