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Datasheet for ABIN4883753  
**MEF2C ELISA Kit**

### Overview

Quantity: 96 tests

Target: MEF2C

Reactivity: Human

Method Type: Sandwich ELISA

Application: ELISA

### Product Details

Purpose: Custom Human MEF2C ELISA Kit.

Sample Type: Cell Culture Supernatant, Cell Lysate, Plasma, Serum, Tissue Lysate

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: This ELISA antibody pair recognizes .

- Characteristics:
- Strip plates and additional reagents allow for use in multiple experiments
  - Quantitative protein detection
  - Establishes normal range
  - The best products for confirmation of antibody array data

- Components:
- Pre-Coated 96-well Strip Microplate
  - Wash Buffer
  - Stop Solution
  - Assay Diluent(s)
  - Lyophilized Standard
  - Biotinylated Detection Antibody

## Product Details

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- Streptavidin-Conjugated HRP
- TMB One-Step Substrate

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### Material not included:

- Distilled or deionized water
- Precision pipettes to deliver 2  $\mu$ L to 1  $\mu$ L volumes
- Adjustable 1-25  $\mu$ L pipettes for reagent preparation
- 100  $\mu$ L and 1 liter graduated cylinders
- Tubes to prepare standard and sample dilutions
- Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- Log-log graph paper or computer and software for ELISA data analysis

## Target Details

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Target: MEF2C

Alternative Name: MEF2C ([MEF2C Products](#))

Gene ID: 4208

UniProt: [Q06413](#)

Pathways: [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Carbohydrate Homeostasis](#), [Chromatin Binding](#), [Regulation of Muscle Cell Differentiation](#), [Skeletal Muscle Fiber Development](#), [Toll-Like Receptors Cascades](#), [BCR Signaling](#)

## Application Details

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Sample Volume: 100  $\mu$ L

Plate: Pre-coated

Protocol:

1. Prepare all reagents, samples and standards as instructed in the manual.
2. Add 100  $\mu$ L of standard or sample to each well.
3. Incubate 2.5 h at RT or O/N at 4  $^{\circ}$ C.
4. Add 100  $\mu$ L of prepared biotin antibody to each well.
5. Incubate 1 h at RT.
6. Add 100  $\mu$ L of prepared Streptavidin solution to each well.
7. Incubate 45 min 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.

## Application Details

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Restrictions: For Research Use only

## Handling

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Storage: -20 °C

Storage Comment: The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is recommended to store at -80°C.

Expiry Date: 6 months