

Datasheet for ABIN5674883  
**SDHB ELISA Kit**



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## Overview

Quantity: 96 tests

Target: SDHB

Reactivity: Human

Method Type: Sandwich ELISA

Detection Range: 0.156 ng/mL - 10 ng/mL

Minimum Detection Limit: 0.156 ng/mL

Application: ELISA

## Product Details

Sample Type: Tissue Homogenate

Analytical Method: Quantitative

Detection Method: Colorimetric

Sensitivity: 0067 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

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

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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

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Target: SDHB

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Alternative Name: Succinate Dehydrogenase Complex Subunit B (SDHB) ([SDHB Products](#))

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Background: Alternative name: SDH1, SDH, Ip, Iron Sulfur, Iron-sulfur subunit of complex II, Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial

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Gene ID: 6390

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UniProt: [P21912](#)

## Application Details

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

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Assay Time: 1 - 4.5 h

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Plate: Pre-coated

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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.

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Restrictions: For Research Use only

## Handling

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Storage: 4 °C

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Expiry Date: 12 months