

Datasheet for ABIN5674876  
**GOT2 ELISA Kit**



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## Overview

Quantity:	96 tests
Target:	GOT2
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.312 ng/mL - 20 ng/mL
Minimum Detection Limit:	0.312 ng/mL
Application:	ELISA

## Product Details

Sample Type:	Plasma, Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	0089 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: GOT2

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Alternative Name: Aspartate Aminotransferase 2 (AST2) ([GOT2 Products](#))

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Background: Alternative name: GOT2, MitAAT, KATIV, KAT4, FABP-1, Plasma membrane-associated fatty acid-binding protein, Glutamic-Oxaloacetic Transaminase 2,Mitochondrial, Kynurenine Aminotransferase IV

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Gene ID: 2806

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UniProt: [P00505](#)

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Pathways: [Monocarboxylic Acid Catabolic Process](#)

## 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  $37^{\circ}\text{C}$
3. Aspirate and add 100 $\mu\text{L}$  prepared Detection Reagent A. Incubate 1 hour at  $37^{\circ}\text{C}$
4. Aspirate and wash 3 times
5. Add 100 $\mu\text{L}$  prepared Detection Reagent B. Incubate 1 hour at  $37^{\circ}\text{C}$
6. Aspirate and wash 5 times
7. Add 90 $\mu\text{L}$  Substrate Solution. Incubate 15-25 minutes at  $37^{\circ}\text{C}$

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## Application Details

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8. Add 50 $\mu$ 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