

Datasheet for ABIN5674904 **HMGCR ELISA Kit**

[Go to Product page](#)

Overview

Quantity:	96 tests
Target:	HMGCR
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	0.781 ng/mL - 50 ng/mL
Minimum Detection Limit:	0.781 ng/mL
Application:	ELISA

Product Details

Sample Type:	Cell Lysate, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	0.31 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 ± 10nm 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:	HMGR
Alternative Name:	3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase (HMGR) (HMGR Products)
Background:	Alternative name: HMG-CoA Reductase, Hydroxymethylglutaryl-CoA Reductase
Gene ID:	15357
UniProt:	Q01237
Pathways:	AMPK Signaling , Negative Regulation of Hormone Secretion , Regulation of Lipid Metabolism by PPARalpha

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 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.

Application Details

Restrictions: For Research Use only

Handling

Storage: 4 °C

Expiry Date: 12 months