#D10004

# RENIN[1H5-B] Mouse mAb

**Abmart**

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□ 50 µl
□ 100 µl
□ 200 µl

## DESCRIPTION
Renin catalyzes the first step in the activation pathway of angiotensinogen-a cascade that can result in aldosterone release,vasoconstriction, and increase in blood pressure. Renin, an aspartyl protease, cleaves angiotensinogen to form angiotensin I, which is converted to angiotensin II by angiotensin I converting enzyme, an important regulator of blood pressure and electrolyte balance. Transcript variants that encode different protein isoforms and that arise from alternative splicing and the use of alternative promoters have been described, but their full-length nature has not been determined. Mutations in this gene have been shown to cause familial hyperproreninemia.

## SPECIFICITY
Human RENIN

## FORMAT
Purified : IgG / Liquid
Purfication : Affinity chromatography on Protein G
Buffer system : 10 mM Hepes , 75 mM NaCl , pH 7.5, containing 0.05% Procline 300

## HOST/ISOTYPE
Mouse / IgG1

## CLONE
1H15-B

## IMMUNOGEN
Renin protein

## APPLICATION
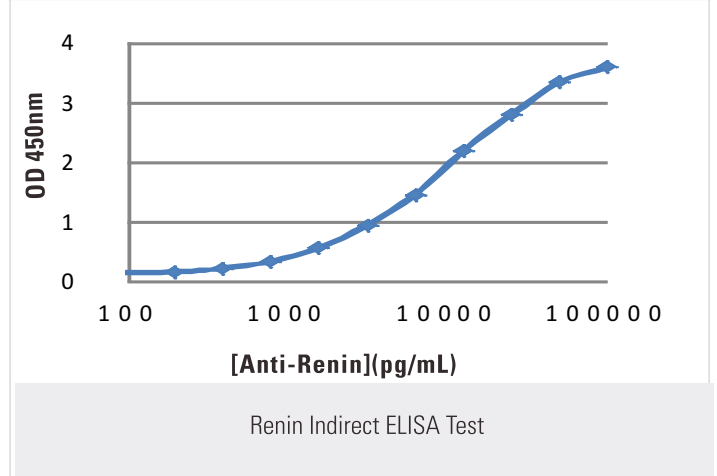ELISA                1:10000--1:5000000

## STORAGE
Stored at -20°C or below until use. Avoid repeated freezing and thawing cycles.

## COMPANION PRODUCTS
#D10000    PTH[3H19-B]  Mouse mAb
#D10001    PTH[4G4]  Mouse mAb
#T30000    Digoxin[1B9]  Mouse mAb
#T30001    Digoxin[2N7]  Mouse mAb
#T30003    Digoxin[2N7]   mAb (HRP Coujugated)

## APPLICATION DATA



Renin Indirect ELISA Test

**Coating :**  Renin protein at 1 **µ**g/mL by Carbonate-Bicarbonate
**Incubation :** Anti-Renin antibody at 100--0.1 ng/mL dilution
**Secondary**
Goat  Anti-Mouse IgG-HRP  at 1/10000 dilution
Blocking/Dilution buffer : 5% milk/PBST
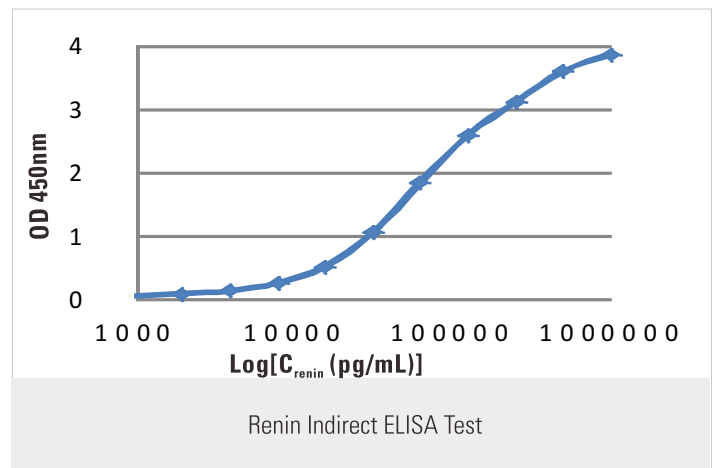


Renin Indirect ELISA Test

**Coating :** Renin protein at 1000--1 ng/mL by Carbonate-Bicarbonate
**Incubation :** An-Renin antibody at 1µg/mL dilution
**Secondary**
Goat  Anti-Mouse IgG-HRP  at 1/10000 dilution
Blocking/Dilution buffer : 5% milk/PBST

**Reactivity Key:** H—human, M—mouse,R—rat, ChHm—Chinese hamster, Mk—monkey, C—chicken, Dm—D.melanogaster, X—xenpus, Z—zebrafish, B—bovine, Dg—dog,Pg—pig, Sc—S.cerevisiae, Ce—C.elegans, Hr—horse

For *in vitro* research use only and not intended for use in humans or animals.