

## Datasheet for ABIN2543174 **COL4A1 ELISA Kit**



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### Overview

Quantity: 96 tests

Target: COL4A1

Reactivity: Rat

Method Type: Sandwich ELISA

Detection Range: 3.12 ng/mL - 200 ng/mL

Minimum Detection Limit: 3.12 ng/mL

Application: ELISA

### Product Details

**Purpose:** Rat COL4A1 ELISA Kit is a sandwich ELISA kit for use with Serum, plasma and other biological fluids. This assay has high sensitivity and excellent specificity for detection of COL4A1 (COL4A1)  
No significant cross-reactivity or interference between COL4A1 (COL4A1) and analogues was observed.

**Sample Type:** Plasma, Serum

**Analytical Method:** Quantitative

**Detection Method:** Colorimetric

**Specificity:** This assay has high sensitivity and excellent specificity for detection of Collagen Type IV Alpha 1 (COL4a1)

**Sensitivity:** < 1.21 ng/mL

## Target Details

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Target:	COL4A1
Alternative Name:	Collagen Type IV alpha 1 (COL4a1) ( <a href="#">COL4A1 Products</a> )
Pathways:	<a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Growth Factor Binding</a>

## Application Details

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Application Notes:	<p>Stability: The stability of the kit is determined by the rate of activity loss. The loss rate is less than 5 % within the expiration date under appropriate storage conditions. To minimize performance fluctuations, operation procedures and lab conditions should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same user throughout.</p> <p>Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.</p> <p>Standard Form: Lyophilized</p>
Comment:	<p>The stability of the kit is determined by the rate of activity loss. The loss rate is less than 5% within the expiration date under appropriate storage conditions. To minimize performance fluctuations, operation procedures and lab conditions should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same user throughout.</p>
Plate:	Pre-coated
Restrictions:	For Research Use only

## Handling

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Storage:	4 °C/-20 °C
Storage Comment:	Upon receipt, store the kit according to the storage instruction in the kit's manual.
Expiry Date:	6 months