

Datasheet for ABIN5522950

COL2 ELISA Kit

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1 Image

Overview

Quantity:	96 tests
Target:	COL2
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	46.875 pg/mL - 3000 pg/mL
Minimum Detection Limit:	46.875 pg/mL
Application:	ELISA

Product Details

Purpose:	For quantitative detection of COL2 in serum, plasma, tissue homogenates.
Sample Type:	Plasma, Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This assay has high sensitivity and excellent specificity for detection of COL2. No significant cross-reactivity or interference between COL2 and analogues was observed. Note: Limited by current skills and knowledge, it is difficult for us to complete the cross-reactivity detection between COL2 and all the analogues, therefore, cross reaction may still exist.
Sensitivity:	28.125 pg/mL
Components:	<ul style="list-style-type: none">- ELISA Microplate- Lyophilized Standard- Sample / Standard Dilution Buffer

Product Details

- Biotin-labeled Antibody (Concentrated)
- Antibody Dilution Buffer
- HRP-Streptavidin Conjugate(SABC)
- SABC Dilution Buffer
- TMB Substrate
- Stop Solution
- Wash Buffer (25X)
- Plate Sealer
- Product Description

Target Details

Target:	COL2
Alternative Name:	COL2 (COL2 Products)
Background:	COL2(Collagen Type II)/Chondrocalcin/COL2A1/SEDC/Alpha-1 type II collagen/ANFH/AOM/cartilage collagen/COL11A3/Collagen 2/collagen alpha-1(II) chain/collagen II, alpha-1 polypeptide/collagen type 2

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Sandwich ELISA, Double Antibody
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

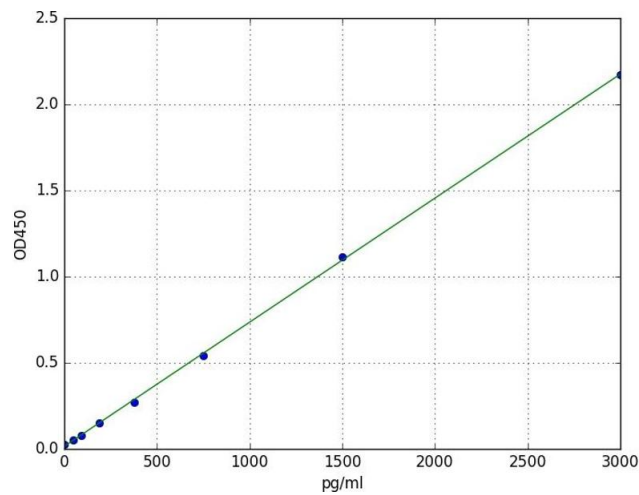
Handling

Storage:	4 °C
Storage Comment:	<ol style="list-style-type: none">1. For unopened kit: All the reagents should be kept according to the labels on vials. The Reference Standard and the 96-well stripe plate should be stored at -20 °C upon receipt while the other reagents should be stored at 4 °C.2. For used kit: When the kit is used, the remaining reagents need to be stored according to the above storage condition. Besides, please return the unused wells to the foil pouch containing the desiccant pack, and zip-seal the foil pouch.

Handling

Expiry Date: 6 months

Images



ELISA

Image 1. A typical standard curve