

Datasheet for ABIN2543159

COL3 ELISA Kit**1** Publication[Go to Product page](#)

Overview

Quantity:	96 tests
Target:	COL3
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.625 ng/mL - 40 ng/mL
Minimum Detection Limit:	0.625 ng/mL
Application:	ELISA

Product Details

Purpose:	Human Collagen Type III ELISA Kit is a sandwich ELISA kit for use with Serum, plasma, tissue homogenates and other biological fluids. This assay has high sensitivity and excellent specificity for detection of Collagen Type III (Collagen Type III) No significant cross-reactivity or interference between Collagen Type III (Collagen Type III) and analogues was observed.
Sample Type:	Plasma, Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This assay has high sensitivity and excellent specificity for detection of Collagen Type III (COL3)
Sensitivity:	< 0.273 ng/mL

Target Details

Target:	COL3
Alternative Name:	Collagen Type III (COL3) (COL3 Products)

Application Details

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

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

Publications

Product cited in:	<p>Klaus, Tanios-Schmies, Reeps, Trenner, Matevossian, Eckstein, Pelisek: "Association of Matrix Metalloproteinase Levels with Collagen Degradation in the Context of Abdominal Aortic Aneurysm." in: European journal of vascular and endovascular surgery : the official journal of the European Society for Vascular Surgery, Vol. 53, Issue 4, pp. 549-558, (2018) (PubMed).</p>
-------------------	---