

# Product Datasheet

## Mouse Collagen Type I ELISA Kit (Colorimetric) NBP2-75822

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

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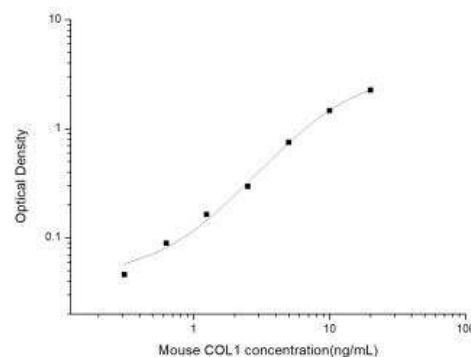
**NBP2-75822****Mouse Collagen Type I ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	This kit recognizes Mouse COL1 in samples. No significant cross-reactivity or interference between Mouse COL1 and analogues was observed.
<b>Kit Components</b>	Micro ELISA Plate(Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100×), Concentrated HRP Conjugate (100×), Reference Standard & Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25×), Substrate Reagent, Stop Solution, Plate Sealer, Product Description, Certificate of Analysis
<b>Standard Curve Range</b>	0.31 - 20 ng/mL
<b>Sensitivity</b>	0.19 ng/mL
<b>Inter Assay</b>	CV% < 4.93%
<b>Intra Assay</b>	CV% < 4.38%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	85-109%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

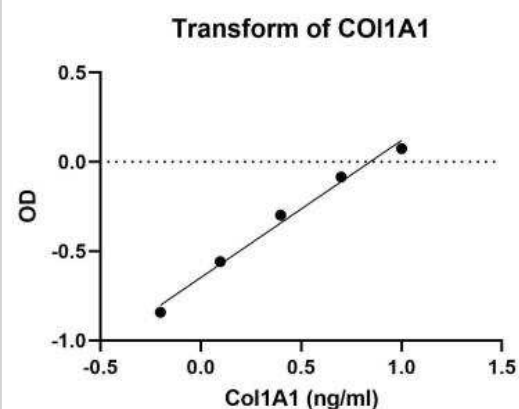


## Images

Mouse Collagen Type I ELISA Kit (Colorimetric) - Standard Curve Reference



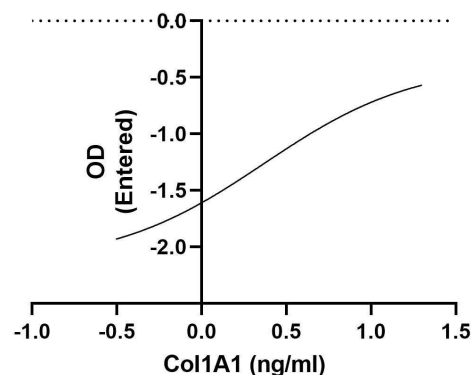
ELISA: Mouse Collagen Type I ELISA Kit (Colorimetric) [NBP2-75822] - Standard Curve. Image from verified customer review.



ELISA: Mouse Collagen Type I ELISA Kit (Colorimetric) [NBP2-75822] - Image from verified customer review.



ELISA: Mouse Collagen Type I ELISA Kit (Colorimetric) [NBP2-75822] - Standard Curve. Image from verified customer review.



## Publications

Steiner CA, Koch SD, Evanoff T et al. The TNF $\alpha$  Mouse as a Model of Intestinal Fibrosis The American journal of pathology 2023-05-09 [PMID: 37169343] (ELISA)

Neczypor EW, Saldaña TA, Mears MJ et al. e-Cigarette Aerosol Reduces Left Ventricular Function in Adolescent Mice Circulation 2022-03-15 [PMID: 35184570] (ELISA)

Kuzumi A, Yoshizaki A, Matsuda KM Et al. Interleukin-31 promotes fibrosis and T helper 2 polarization in systemic sclerosis Nature communications 2021-10-12 [PMID: 34642338] (ELISA)



### Novus Biologicals USA

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA

Phone: 303.730.1950

Toll Free: 1.888.506.6887

Fax: 303.730.1966

nb-customerservice@bio-techne.com

### Bio-Techne Canada

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada

Phone: 905.827.6400

Toll Free: 855.668.8722

Fax: 905.827.6402

canada.inquires@bio-techne.com

### Bio-Techne Ltd

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449

Free Phone: 0800 37 34 15

Fax: (44) (0) 1235 533420

info.EMEA@bio-techne.com

### General Contact Information

[www.novusbio.com](http://www.novusbio.com)

Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)

Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)

General: [novus@novusbio.com](mailto:novus@novusbio.com)

### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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