

Native Human Collagen Type II

Cat. No. Collagen-319H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human Collagen Type II has been prepared from adult human knee cartilage and is chromatographically and immunologically pure. Human Collagen Type II is free from other collagens, human serum proteins and non-collagen extracellular matrix proteins. Human Collagen Type II reacts with anti-Collagen Type II.
Species	Human
Description	Human Collagen Type II is one of a family of proteins found particularly in the flesh and connective tissues of mammals (approximately one-third of the body's total protein). Over two dozen types of collagen have been described; Type II is found predominantly in hyaline cartilage (50% of the protein in hyaline is collagen type II) and is also found in the vitreous humor of the eye.
Applications	ELISA : 1:10,000Western Blot : 1:1000Immunohistochemistry: 1:100-1:500Other Dilution: User Optimized
Usage	This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale.

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Storage	Store vial at 4°C prior to opening. This product is stable at 4°C as an undiluted liquid. Dilute only prior to immediate use.
Concentration	1.0 mg/mL by dry weight
Storage Buffer	0.5 M Acetic Acid
Preservative	0.01% (w/v) Sodium Azide
Shipping	Wet Ice

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