

Native Human Collagen Type III

Cat. No. Collagen-326H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Collagen type III has been prepared from human placenta and is chromatographically and immunologically pure. This product is free from other collagens, human serum proteins and non-collagen extracellular matrix proteins. This product reacts with anti-Collagen Type III.
Species	Human
Description	In muscle tissue, collagen serves as a major component of the endomysium. Collagen constitutes one to two percent of muscle tissue, and accounts for 6% of the weight of strong, tendinous muscles. A collagen may be defined as a protein containing sizable domain(s) of triple-helical conformation. Collagen type III, a fibrous scleroprotein found in bone, cartilage, tendon, bone marrow stroma and other connective tissue, yields gelatin on boiling. Collagen type III scleroprotein is a simple protein found in horny and cartilaginous tissues and in the lens of the eye.
Applications	ELISA : 1:10,000 Western Blot : 1:1000 Immunohistochemistry: 1:100-1:500 Other 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

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suitability of our materials before adopting them on a commercial scale.

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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