Native Bovine Collagen Type IV

Cat. No. Collagen-318B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Bovine Collagen Type IV has been prepared from Bovine Placenta and is chromatographically and immunologically pure. Bovine Collagen Type IV reacts with anti-Collagen Type IV.
Species	Bovine
Description	Bovine Collagen Type IV 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, though Type IV in particular is involved in forming the foundation of cellular basement membranes, the lens of the eye, and within the capillaries of the glomeruli and nephron in the kidneys.
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.
Storage	Store vial at 4°C prior to opening. Bovine Collagen Type IV is stable at 4°C as an

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	undiluted liquid. Dilute only prior to immediate use.
Concentration	1.0 mg/mL by dry weight
Storage Buffer	0.5 M Sodium Acetate, pH 4.5
Preservative	0.01% (w/v) Sodium Azide
Shipping	Wet Ice

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