

Native Bovine Type II Collagen

Cat. No. Collagen-01B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The product is supplied as a sterile solution at approximately 0.5 mg per vial at approximately ~0.50 mg/mL in 500 mM acetic acid. Type II collagen is provided in user-friendly packaging for use and storage. Type II collagen may be used to culture a variety of cell types. Type II collagen is typically used as a coating material for cell culture studies, for the formation of 3D collagen gels, or as an antigen for antibody production.
Species	Bovine
Source	Bovine Cartilage
Description	Bovine 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.
Form	Sterile solution
Endotoxin	<5.0 EU/mL
Stability	Minimum of 6 months from date of receipt
Storage	2-10°C

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Storage Buffer	500 mM acetic acid
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Concentration	0.5 mg/mL
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GENE INFORMATION

Official Symbol	Collagen
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Synonyms	Collagen
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