

Native Bovine Type II Collagen, FITC-tagged

Cat. No. Collagen-121B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Bovine Type II Collagen was extracted from bovine articular cartilage and purified by DEAE Anion Exchange Chromatography.
Species	Bovine
Source	Bovine Articular Cartilage
Description	FITC-labeled bovine type II collagen substrate is an excellent substrate for examining collagenase activity. This labelled substrate is highly purified and telo-peptide free and is supplied as solution in acetic acid. To minimize background levels in collagenase assays, FITC-labeled collagen has been enzymatically pre-treated and further purified by ion-exchange chromatography. FITC-labeled collagen can also be used as a substrate for cell culture. Collagen degradation products in the culture supernatants can be directly determined by measured the fluorescence at 520 nm (Emission)/490 nm (Excitation).
Form	Provided as a 1 mg/ml solution in 0.01M acetic acid.
Molecular Mass	~1000 kDa
Purity	>95%
Applications	Substrate; Used for the assay of mammalian collagenase activity.
Storage	Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

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