

Native Bovine Type I Collagen, FITC-tagged

Cat. No. Collagen-120B Lot. No. (See product label)

SPECIFICATION

Product Overview	Native Bovine Type I Collagen was extracted from bovine skin.
Species	Bovine
Source	Bovine Skin
Description	FITC-labeled bovine type I Collagen Substrate is an excellent substrate for examining collagenase activity. This labelled substrate is highly purified and telo-peptide free and is supplied lyophilized. 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.
Purity	>95%
Applications	Substrate; Used for the assay of mammalian collagenase activity. To heat denature collagen for preparing a substrate for gelatinase, transfer collagen solution to a brown glass bottle and heat to 80°C .
Storage	Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

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