FITC-Bovine Type II Collagen

Catalog # 4002

For Research Use Only - Not Human or Therapeutic Use

DESCRIPTION:	FITC-labeled bovine type II collagen
APPLICATION:	Use as a substrate for assaying mammalian collagenase activity
QUANTITY:	10 ml
FORM:	1 mg/ml solution in 0.01M acetic acid
SOURCE:	Bovine articular cartilage
MOLECULAR WEIGHT:	300 kDa (molar ratio of collagen to FITC is approximately 1:1)
PURITY:	>99% by SDS-PAGE Background value is less than 0.1% (free fluorescence intensity (FI) extracted with 35% ethanol at 25°C)
USAGE:	FITC-bovine Type II collagen forms a stable gel in neutral buffer and can be used as a substrate for assaying collagenase activity by the collagen-gel method.
STORAGE:	-20°C in the dark. Collagen will gradually degrade under neutral conditions during long-term storage at 4°C
STABILITY:	1 year
NOTES:	N/A
REFERENCES:	Terato, *et al. Biochem. Biophys. Acta* **445**: 753-762 (1976) Terato, *et al. Biomedical Res.* **3**: 495-505 (1982)

© 2020 Chondrex, Inc. All Rights Reserved, 4002 2.0

16928 Woodinville-Redmond Rd NE Suite B-101
Woodinville, WA 98072

Phone: 425.702.6365 or 888.246.6373
Fax: 425.882.3094

www.chondrex.com
support@chondrex.com