Collagenase II

PRODUCT OVERVIEW

Product Name	Collagenase II, Biochemical
Full Product Name	Collagenase II
Preparation and Storage	Store at 4C avoid light and dry for 2 days.
CAS Number	9001-12-1
Appearance	Brown or tan crystalline powder
Application Notes for Collagenase II biochemical	1: Collagenase I is used for the separation of epithelial, lung, adipose and adrenal cells. 2: Collagenase II is suitable for adipose, liver, bone, thyroid, heart and salivary gland tissues. 3: Collagenase III contains at least 7 protease components with molecular weights ranging from 68-130KD. It digests a variety of tissues. 4: Collagenase IV contains at least 7 proteins components with molecular weight ranging from 68-130 KD. It can be used for the isolation of pancreatic islet tissue to separate conncective tissue into individual cells.
Related Product Information for Collagenase II biochemical	Introduction: Collagenase is a protease that specifically recognizes the Pro-X-Gly-Pro sequence and cleaves the peptide bond between the neutral amino acid (X) and glycine (Gly)of the sequence. Many proteases can hydrolyze single-chain and denatured collagen polypeptides, but collagenase is the only protease that can degrade native collagen fibers with triple supercoiles structures, which are widespread in connective tissue. Collagenase is generally divided into types I, II, III, IV and special collagenase for liver cells. The type of collagenase should be selected according to the type of tissue to be seperated and digested.
Other Notes	Small volumes of Collagenase II biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Collagenase II purchase	MBS355716 is a biochemical targeting Collagenase II.

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Online datasheet: https://www.mybiosource.com/biochemical/collagenase-ii/355716