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Product Datasheet

Native Clostridium histolyticum Collagenase, CAS [[9001-12-1]] CRM-DIGS-253

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| Article Name | Native Clostridium histolyticum Collagenase, CAS [[9001-12-1]] |
| Biozol Catalog Number | CRM-DIGS-253 |
| Supplier Catalog Number | DIGS-253 |
| Alternative Catalog Number | CRM-DIGS-253-100 |
| Manufacturer | Creative BioMart |
| Category | Biochemikalien |
| Product Description | Collagenases are endopeptidases that digest native collagen in the triple helix region. Collagens are the major fibrous component of animal extracellular connective tissue. Bacterial collagenases differ from vertebrate collagenases in that they exhib... |
| Concentration | Type 1 > 125 units per mg, Type 2 > 125 units per mg, Type 3 > 100 units per mg, Type 4 > 160 units per mg, Type 5 > 450 units per mg |
| CAS Number | [9001-12-1] |
| Application Notes | Isolation of adipocytes, hepatocytes, and cells from lung, epithelium and adrenal tissue Isolation of cardiomyocytes and cells from bone, cartilage, muscle, thyroid, and endothelium Isolation of mammary and various other soft tissues Isolation of human and porcine pancreatic islet cells (Kin 2007) Treatment of tissues with crude collagenase, with its mixture of proteolytic activities, provides gentle, selective digestion of the intercellular matrix with little damage to cells or loss of viability AFA collagenase is suitable for applications needing to avoid introduction of animal derived pathogens into bioprocessing procedures |