

## Collagenase Type I

### From Clostridium Histolyticum

Product	Description	Catalogue-No.	Size
Collagenase Type I	Prepared from clostridium histolyticum	LS0004196	1 g

**Composition:** Collagenase Type I from clostridium histolyticum

**Storage conditions:**

Storage: 2-8° C

**Specification:**

	Acceptance criteria	Result
Units per mg dry weight	≥ 125	300
Units per mg dry weight Caseinase	≥ 200	490
Units per mg dry weight Clostripain	≤ 4.0	1.76
Units per mg dry weight Tryptic	≤ 0.50	0.08
Endotoxin Units per mg dry weight	report value	1.49
Absorbance 280nm	report value	1.78

**Description and Application:**

The original balance of enzymatic activities. Each lot assayed for collagenase, caseinase, clostripain and tryptic activities. Suggested for epithelial, liver, lung, and adrenal primary cell isolations. Supplied as a dialyzed, lyophilized powder. One unit liberates one micromole of L-leucine equivalents from collagen in 5 hours at 37°C, pH 7.5.

**Suitability**

FOR RESEARCH USE ONLY!

Not approved for human or animal diagnostic or therapeutic procedures. Not for consumption.

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