



PRODUCT SPECIFICATIONS

Recombinant Collagenase HI, Catalog #001-4010

For Research Use Only

Version 4 May 2019

Product: Aseptically dispensed mixture of purified Class 1 Collagenase and Class 2 Collagenase expressed in *E. coli*

| Lot # | SPECIFICATION | RESULT |
|--|------------------------|--------------|
| Appearance | White lyophilized cake | Lot Specific |
| Total Wünsch Activity ¹ | > 1,400 Units/bottle | Lot Specific |
| Endotoxin EU/mg protein ² | Report Only | Lot Specific |
| Total Collagen Degrading Activity ³ | Report Only | Lot Specific |
| Total Protein ⁴ | Report Only | Lot Specific |

STORAGE: < -20°C

DATE OF MANUFACTURE:

EXPIRY DATE: 2 years from date of manufacture

¹ Wünsch E, Heidrich H-G. Zur quantitativen bestimmung der kollagenase. *Hoppe-Seyler's Zeitschrift Physiologische Chemie* 333 (1963);149-151

² Charles River Endosafe® PTS Endotoxin Assay

³ McCarthy RC, et. al. Development and Characterization of a Collagen Degradation Assay to Assess Purified Collagenase Used in Islet Isolation. *Transplantation Proceedings* 40 (2008); 339-342

⁴ Based on absorbance at 280 nm using an extinction coefficient of $\epsilon=1.41$