

## Liberase MTF C/T, GMP Grade

Cat. No. NATE-0995

Lot. No. (See product label)

### Introduction

**Description** Liberase MTF C/T GMP Grade kit is a highly purified enzyme blend for tissue dissociation where high purity, consistent quality and low levels of bacterial endotoxins are required in achieving reproducible high cell yield and viability. Liberase MTF C/T, GMP Grade kit contains highly purified collagenase class I and class II from *Clostridium histolyticum*. The two collagenase isoforms are blended in a precise ratio with each other. Highly purified thermolysin from *Bacillus thermoproteolyticus* is provided in a separate vial to allow individual adjustments of enzyme ratios for optimization of your tissue dissociation protocol.

**Applications** Use the Liberase MTF C/T, GMP Grade kit for in vitro enzymatic dissociation of tissue, to isolate single cells. In particular intended for use in isolation procedures of pancreatic islets from human and pig.

**Synonyms** Liberase; Liberase MTF C/T

### Product Information

**Appearance** White lyophilized cake

**Purity** >85%

**Activity** Collagenase I/II MTF Blend: 2,172-3,617 U/vial; Thermolysin MTF: 130,500-234,000 U/vial

### Storage and Shipping Information

**Stability** At -15 to -25°C within specification range for 12 months.