

Liberase T-Flex, Research Grade

Cat. No. NATE-0994

Lot. No. (See product label)

Introduction

Description The Liberase T-Flex, Research Grade kit enables individual blends of collagenase and thermolysin in low level ratios. The enzymes are manufactured for applications in research where high purity, consistent quality and low levels of bacterial endotoxins are required for reproducible high cell yield and viability. The Liberase T-Flex Research 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 Liberase T-Flex, Research Grade, for in vitro enzymatic dissociation of a broad range of tissues, enabling isolation of single cells. In particular intended for use in isolation procedures of pancreatic islets from several animal types.

Synonyms Liberase; Liberase T-Flex

Product Information

Appearance White lyophilized cake

Activity Collagenase I/II: 2,895 U/bottle; Thermolysin: 180,000 U/bottle

Storage and Shipping Information

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