CD BioGlyco
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Product Information

Heparinase I and III Blend from *Flavobacterium heparinum*

Cat. No.: XGB644

Size: 50 units; 100 units; 250 units

Enzyme Commission Number: 4.2.2.7

NACRES: NA.54

This product is for research use only and is not intended for diagnostic use.

Product Information

Unit Definition	One unit will form 0.1 micromole of unsaturated uronic acid per hour at 7.5 at 25 degrees C using Heparin, Sodium as substrate for heparinase I.One unit will form 0.1 micromole of unsaturated uronic acid per hour at 7.5 at 25 degrees C using bovine kidney Heparan, Sulfate as substrate for heparinase III.One unit will form 0.1 µmole of unsaturated uronic acid per hr at pH 7.5 at 25 °C. One International Unit (I.U.) is equivalent to approx. 600 units. Package sizes are sold in units.
Form	lyophilized powder
Purity	lyophilized powder, stabilized with ~ 25% (w/w) bovine serum albumin, ≥200 unit/mg protein (enzyme + BSA)
Quality Level	200
Applications	Heparinase I and III Blend from Flavobacterium heparinumhas been used to: • digest heparan sulfate from sheep vitreous • human embryonic kidney cells • glycosaminoglycans in arterial tissue
Storage	−20 °C

Safety Information

WGK Germany	WGK 3