



Issued September 2024

Product Name	FabRICATOR® Xtra LALA Lyophilized
Product Number	A0-XA1-020
Product Composition	2000 units of FabRICATOR® Xtra LALA proteolytic enzyme lyophilized in Tris-buffered saline (TBS).
Manufacturer	Made in Sweden by Genovis AB.
Appearance	White to light yellow powder.
Source	FabRICATOR® Xtra LALA enzyme is recombinantly expressed in <i>E. coli</i> .
Bioburden	Absence of microbial contamination tested using Sabouraud Dextrose Agar, Fluid Thioglycollate Medium and Blood Agar.
Enzyme Activity	One unit FabRICATOR Xtra LALA digests $\geq 95\%$ of 1 μg human IgG1-LALA (L234A, L235A) when incubated in 10 mM sodium phosphate, 137 mM NaCl, 2.7 mM KCl, pH 7.4 at 37°C for 1 hour.
Physical Purity	$\geq 90\%$ homogeneity by SDS-PAGE analysis using Coomassie Blue detection.
Shipping Conditions	Cold with gel ice refrigerants.
Storage Temperature	-20°C.