

Product Specification

Version 02
Issued October 2025

Product Name	FabRICATOR® Xtra LALA Lyophilized
Product Number	A0-XA1-020
Product Composition	The FabRICATOR Xtra LALA enzyme is lyophilized in TBS, pH 8.0, with a total of 2000 units per vial.
Manufacturer	Genovis AB, Sweden
Appearance	White to light yellow powder
Enzyme Activity	One unit FabRICATOR Xtra LALA digests ≥95% of 1 µg human IgG1-LALA (L234A, L235A) when incubated in PBS (10 mM sodium phosphate, 137 mM NaCl, 2.7 mM KCl), pH 7.4 at 37°C, for 1 hour based on SDS-PAGE analysis.
Physical Purity	≥90% homogeneity based on SDS-PAGE analysis with Coomassie Blue detection.
Source	The FabRICATOR Xtra LALA enzyme is recombinantly expressed in <i>E. coli</i> .
Bioburden*	Free from microbial contamination
Quality Standard	ISO 9001:2015
Shipping Conditions	Shipped cold with ice gel refrigerants
Storage Temperature	-20°C

* Tested on Dextrose Agar, Fluid Thioglycollate Medium and Blood Agar.