



Last revised January 2020

Product Name	FabALACTICA®
Product Number	A0-AG1-020
Product Composition	2000 units of FabALACTICA proteolytic enzyme lyophilized in phosphate buffer saline (PBS) pH 7.4.
Manufacturer	Genovis AB, Sweden.
Appearance	White to light yellow powder.
Source	FabALACTICA (IgdE) enzyme is cloned from <i>Streptococcus agalactiae</i> and expressed in <i>E. coli</i> .
Bioburden*	Absence of microbial contamination.
Enzyme Activity	One unit is defined as the amount of FabALACTICA required to fragment $\geq 90\%$ of 1 μg of human IgG1 in 150mM phosphate, pH 7.0 in 16-18 hours at 37°C as monitored by SDS-PAGE.
Physical Purity	Purified to $\geq 95\%$ homogeneity as determined by SDS-PAGE analysis using Coomassie Blue detection.
Shipping Conditions	Shipped at ambient temperature.
Storage Temperature	-20°C

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