



Last revised Jan 2023

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

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