



Last revised Jan 2023

Product Name	FabALACTICA® Fab Kit Microspin
Product Number	A2-AFK-005, A2-AFK-025
Product Composition	<p>0.1 ml settled resin of FabALACTICA enzyme immobilized on agarose. Agarose resin is suspended in 20% ethanol/water (v/v)</p> <p>0.1 ml settled resin of CaptureSelect™ Fc affinity ligand immobilized on agarose¹. Agarose resin is suspended in 20% ethanol/water (v/v)</p>
Manufacturer	Genovis AB, Sweden
Appearance	White suspension
Source	<p>FabALACTICA (IgdE) enzyme is cloned from <i>Streptococcus agalactiae</i> and expressed in <i>E. coli</i>. Enzyme is immobilized to highly cross-linked agarose beads.</p> <p>CaptureSelect™ Fc (ms) resin contains agarose with immobilized recombinantly expressed Llama antibody fragments.</p>
Bioburden	Immobilized FabALACTICA 0 cfu/column ²
Immobilized Enzyme Activity	0.1 ml of settled agarose resin digest ≥ 90% of up to 0.5 mg human IgG1 in 150mM phosphate, pH 7.0 in 16-18 hours at room temperature as monitored by SDS-PAGE.
Binding capacity	>15 mg IgG per 1ml CaptureSelect Fc resin
Shipping Conditions	Cold with gel ice refrigerants.
Storage Temperature	+4-8°C
Shelf life	12 months from production date when stored at +4-8°C

¹ Made with Thermo Scientific™ CaptureSelect™ resin from Thermo Fisher Scientific Inc. and its subsidiaries. Thermo Scientific and CaptureSelect are trademarks of Thermo Fisher Scientific Inc. and its subsidiaries.

² Tested on Sabouraud Dextrose Agar, Fluid Thioglycollate Medium and Blood Agar.