
Issued 2017-11-13

Product Name	FabALACTICA™ Fab kit
Product Number	A2-AFK-005, A2-AFK-025
Product composition	0.1 ml settled resin of FabALACTICA™ enzyme immobilized on agarose. Agarose resin is suspended in 20% ethanol/water (v/v). 0.1 ml settled resin of CaptureSelect™ Fc affinity ligand immobilized on agarose ¹ . Agarose resin is suspended in 20% ethanol/water (v/v).
Manufacturer	Genovis AB, Sweden
Appearance	White suspension
Source	FabALACTICA™ (IgdE) enzyme is cloned from <i>Streptococcus agalactiae</i> and overexpressed in <i>E.coli</i> . Enzyme is conjugated to highly cross-linked agarose beads. CaptureSelect™ Fc (ms) resin contains agarose with immobilized recombinantly expressed Llama antibody fragments.
Bioburden	Absence of microbial contamination tested on Immobilized FabALACTICA Microspin.**
Immobilized enzyme activity	0.1 ml of settled agarose resin digests ≥ 90% of 0.5 mg of human IgG1 in 150mM sodium phosphate, pH 7.0 in 16-18 hours at room temperature as monitored by SDS-PAGE.
Dynamic binding capacity of Capture Select	>10mg IgG1 per ml agarose resin
Shipping conditions	Cold with Gel Ice Refrigerants
Storage temp	+4-8°C

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****Bioburden**

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

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

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