Product Specification

Issued 2017-12-15

Product Name	FabALACTICA™ Fab kit Maxispin
Product Number	A2-AFK-1000
Product composition	10 ml settled resin of FabALACTICA™ enzyme immobilized on agarose. Agarose resin is suspended in 20% ethanol/water (v/v). 2x 5 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 *Streptococcus agalactiae* and overexpressed in *E.coli*. 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.**
Immobilized enzyme activity	10 ml of settled agarose resin digests ≥ 90% of 50-100 mg of human IgG1 in 150mM sodium phoshate, pH 7.0 in 16-18 hours at room temperature as monitored by SDS-PAGE.
Dynamic binding capacity of Capture Select	>100 mg IgG1 per 10 ml agarose resin
Shipping conditions	Cold with Gel Ice Refrigerants
Storage temp	+4-8°C
**Bioburden	Tested on Sabouraud Dextrose Agar, Fluid Thioglycollate Medium and Blood Agar.

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

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