



Last revised Jan 2023

Product Name	GingisKHAN® Fab Kit
Product Number	B0-GFK-020
Product Composition	<ul style="list-style-type: none">- 2000 Units of GingisKHAN proteolytic enzyme lyophilized from Tris buffer.- 5 vials GingisKHAN Reducing Agent. Lyophilized L-cysteine hydrochloride formulated from Tris buffer.- 4 micro columns of CaptureSelect™ IgG-CH1* affinity ligand immobilized on agarose. Agarose resin suspended in 20% ethanol/water (V/V).
Manufacturer	Genovis AB, Sweden.
Appearance	White to light yellow powder/White suspension.
Source	<ul style="list-style-type: none">- GingisKHAN is purified from <i>Porphyromonas gingivalis</i>.- CaptureSelect IgG-CH1 resin contains agarose immobilized recombinantly expressed Llama antibody fragment.
Unit definition	One unit is defined as the amount of enzyme required to fragment $\geq 95\%$ of 1 μg of human IgG1 in 0.1 M Tris, pH 8.0 in 1 hour at 37°C in presence of 2 mM cysteine, as monitored by SDS-PAGE.
Dynamic Binding Capacity	>15 mg IgG per ml agarose resin.
Bioburden	GingisKHAN enzyme absent of microbial contamination. Tested on Sabouraud Dextrose Agar, Fluid Thioglycollate Medium and Blood Agar
Shipping Conditions	Cold with gel ice refrigerants.
Storage Temperature	GingisKHAN enzyme and Reducing Agent should be stored at -20°C upon arrival. CaptureSelect IgG-CH1 columns should be stored at + 4-8°C upon arrival.

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