



Last revised September 2020

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