



Issued December 2023

Product Name	IgASAP™ Sub1 Lyophilized
Product Number	I0-IA1-010
Product Composition	1000 units of IgASAP Sub1 proteolytic enzyme lyophilized in Tris buffer saline (TBS).
Manufacturer	Made in Sweden by Genovis AB.
Appearance	White to light yellow powder.
Source	IgASAP Sub1 enzyme is recombinantly expressed in <i>E. coli</i> .
Bioburden	Absence of microbial contamination tested using Sabouraud Dextrose Agar, Fluid Thioglycollate Medium and Blood Agar.
Enzyme Activity	One unit IgASAP Sub1 digests $\geq 90\%$ of 1 μg human Serum IgA1 when incubated in PBS (10 mM sodium phosphate, 140 mM NaCl, 2.7 mM KCl), pH 7.4 at room temperature for 20 minutes.
Unit definition	One unit IgASAP Sub1 digests $\geq 90\%$ of 1 μg human IgA1 when incubated in PBS (10 mM sodium phosphate, 140 mM NaCl, 2.7 mM KCl), pH 7.4 at 37°C for 1 hour.
Physical Purity	Purified to $\geq 90\%$ homogeneity as determined by SDS-PAGE analysis using Coomassie Blue detection.
Shipping Conditions	Shipped at ambient temperature.
Storage Temperature	-20°C.