

Product Specification

Version 02
Issued November 2025

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| Product Name | IgASAP™ Sub1 Lyophilized |
| Product Number | I0-IA1-010 |
| Product Composition | The IgASAP Sub1 enzyme is lyophilized in TBS, pH 7.6, with a total of 1000 units per vial. |
| Manufacturer | Genovis AB, Sweden |
| Appearance | White to light yellow powder |
| 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 based on SDS-PAGE analysis. |
| Physical Purity | $\geq 90\%$ homogeneity based on SDS-PAGE analysis using Coomassie Blue detection. |
| Source | IgASAP Sub1 enzyme is recombinantly expressed in <i>E. coli</i> . |
| Bioburden* | Free from microbial contamination |
| Quality Standard | ISO 9001:2015 |
| Shipping Conditions | Shipped at ambient temperature |
| Storage Temperature | -20°C |

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