

Mouse IgG1 κ Isotype Control, InVivoPure

Endotoxin level ≤ 2 EU/mg

Description:

Mouse IgG1 κ Isotype Control is a mouse monoclonal antibody ideal for use as a non-reactive, isotype-matched control for mouse IgG1 antibodies in most *in vivo* and *in vitro* applications. The antibody was generated by immunization with the recombinant Spike protein (S) from SARS-CoV-2 virus. This antibody has been tested by ELISA to assure minimal cross reactivity and is specifically directed against an epitope that is located within the S1-subunit but outside the RBD.

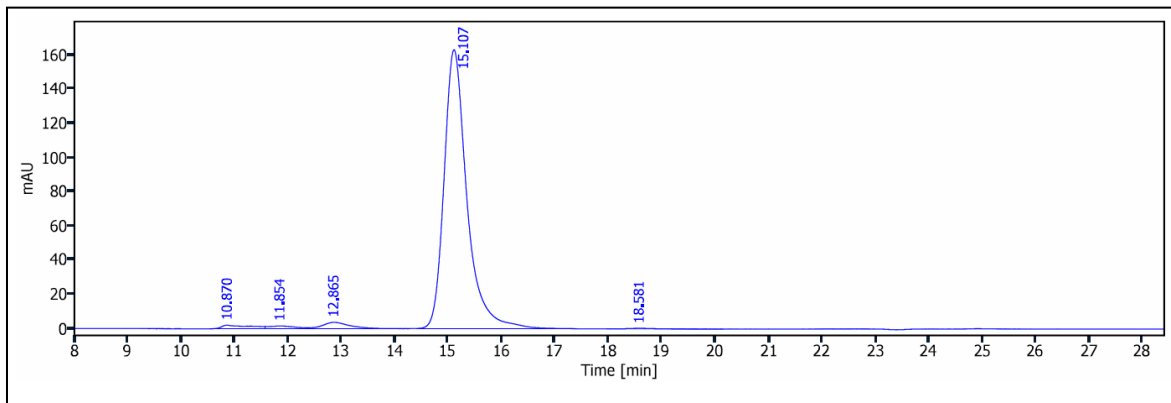
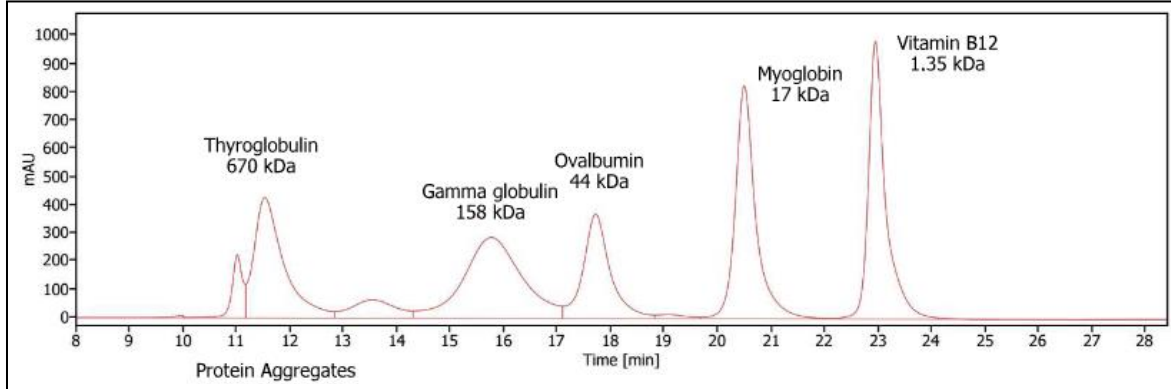
This antibody is produced exclusively under serum-free conditions from hybridoma and purified with Protein-A affinity chromatography.

Product-ID:	AK3421P
Immunogen	Recombinant full-length Spike protein (S) from SARS-CoV-2
Host:	Mouse
Clonality:	Monoclonal
Isotype:	IgG1 κ
Formulation:	Clear Liquid, PBS, pH 7.4, 0.2 μ m sterile filtered
Concentration:	≥ 0.5 mg/mL
Purity:	$\geq 90\%$ (CGE, reducing conditions) $\leq 10\%$ aggregates (analytical SEC)
Endotoxin:	≤ 2 EU/mg (LAL test)
Storage:	2 - 8 °C

The product is for research use or for further manufacturing only.

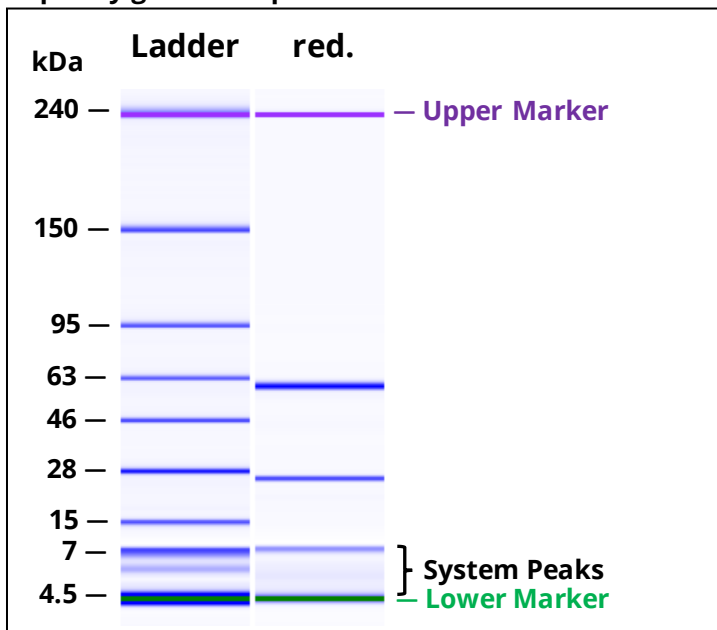
Mouse IgG1k Isotype Control, InVivoPure+ — Supplementary Data

Analytical SEC:



Analytical SEC of purified protein (blue) in comparison with gel filtration standard (red).

Capillary gel electrophoresis:



CGE of the purified protein under reducing (red.) conditions.