

## Mouse IgG1 $\kappa$ Isotype Control, InVivoPure+

Endotoxin level  $\leq$  1 EU/mg

### Description:

**Mouse IgG1  $\kappa$  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 or Protein-G affinity chromatography.

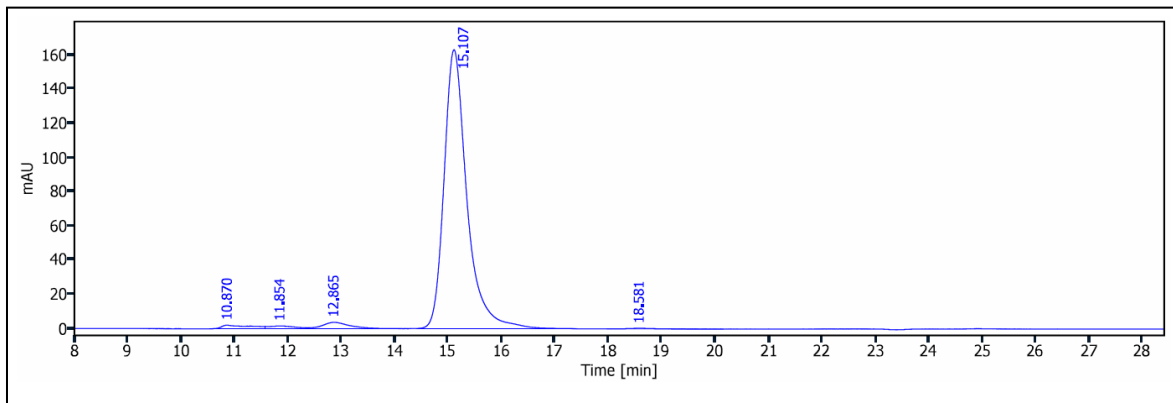
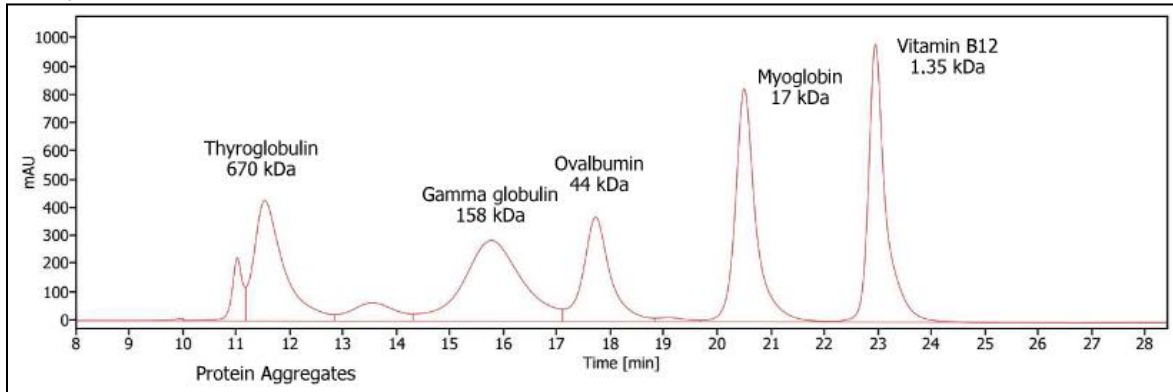
<b>Product-ID:</b>	<b>AK3421P+</b>
<b>Immunogen</b>	Recombinant full-length Spike protein (S) from SARS-CoV-2
<b>Host:</b>	Mouse
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	IgG1 $\kappa$
<b>Formulation:</b>	Clear Liquid, PBS, pH 7.4, 0.2 $\mu$ m sterile filtered
<b>Concentration:</b>	$\geq$ 0.5 mg/mL
<b>Purity:</b>	$\geq$ 95 % (CGE, reducing conditions) $\leq$ 5 % aggregates (analytical SEC)
<b>Endotoxin:</b>	$\leq$ 1 EU/mg (LAL test)
<b>Storage:</b>	2 - 8 °C

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

InVivo BioTech Services GmbH is certified to [ISO 9001](#) and [ISO 13485](#).

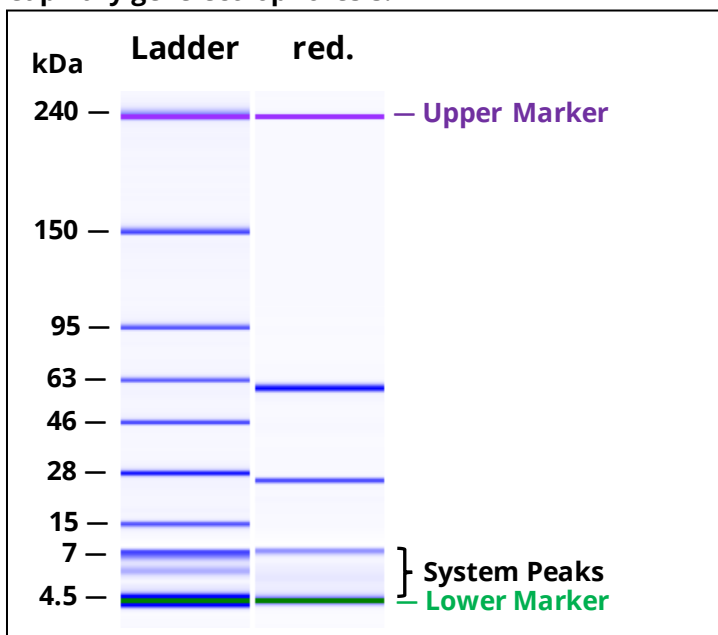
**Mouse IgG1k Isotype Control, InVivoPure+  
 — Supplementary Data**

**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.