



mAb to Influenza B, clone 50F9

Catalogue #	R1-188-100
Immunogen:	Recombinant Influenza B Nucleocapsid protein
Immunogen Description:	Produced by CHO-based Icosagen Cell Factory Ltd. proprietary suspension cell line
Uniprot ID:	P04665
Source:	Human
Clonality:	Human monoclonal
Clone:	50F9
Class:	hIgG1
Application:	ELISA
Purification:	Protein A affinity chromatography following gel filtration
Buffer:	PBS pH 7.4
QC:	Simply Blue Safe stained SDS-PAGE, analytical SEC
Shipping:	Shipped on dry ice
Storage:	Store at -20 °C to -70 °C long term. Avoid multiple freeze-thaw cycles.

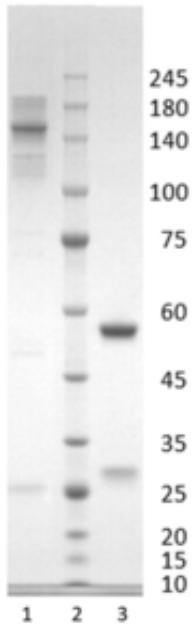


Figure 1. Simply Blue stained SDS-PAGE analysis of Monoclonal antibody to Influenza B, clone 50F9. 4-12% gradient gel is used for analysis. **Lane 1.** 0.8 µg Monoclonal antibody to Influenza B, clone 50F9 (-DTT) **Lane 2.** Size marker (Smobio) **Lane 3.** 0.8 µg Monoclonal antibody to Influenza B, clone 50F9(+DTT)

Peak Table

Peak #	RT (min)	Area	Area %
1	7.305	89.36	1.70
2	7.668	129.80	2.47
3	8.786	5028.94	95.82

Chromatogram

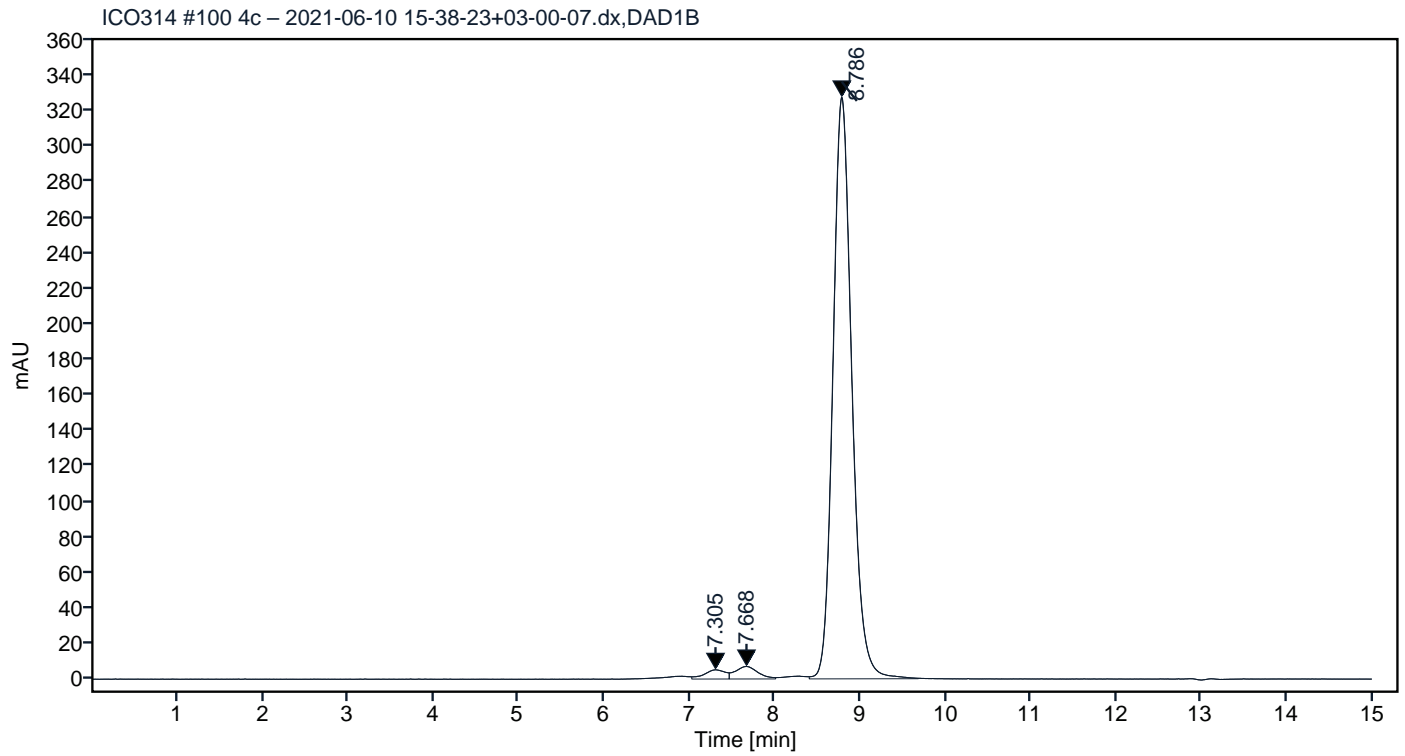


Figure 2. HPLC analytical SEC for final product.

Peak Table

Peak #	RT (min)	Area	Area %
1	7.314	65.47	1.34
2	7.661	120.33	2.46
3	8.786	4701.79	96.20

Chromatogram

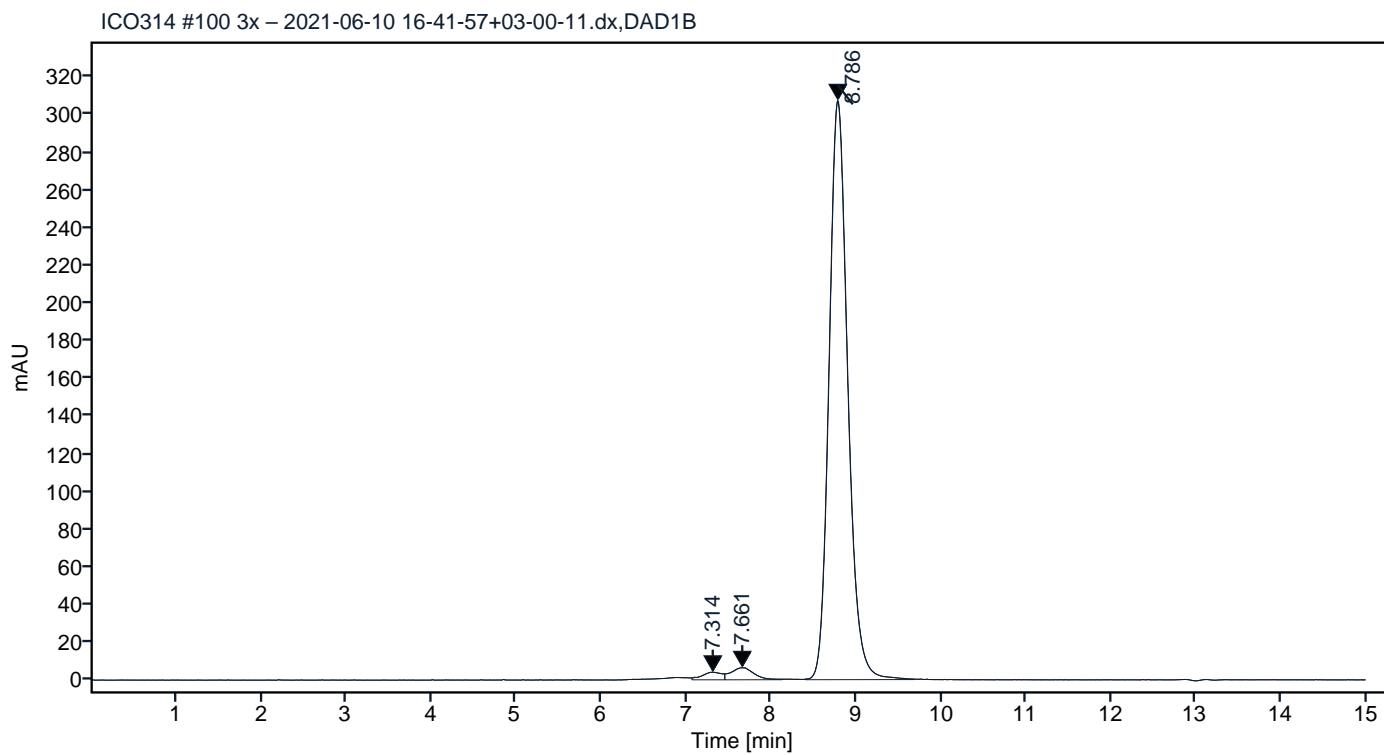


Figure 3. HPLC analytical SEC after 3 freeze-thaw cycles.