



mAb to Influenza A, clone 8F8

Catalogue #	R1-190-100
Immunogen:	Recombinant Influenza A Nucleocapsid protein
Immunogen Description:	Produced by CHO-based Icosagen Cell Factory Ltd. proprietary suspension cell line
Uniprot ID:	P03466
Source:	Human
Clonality:	Human monoclonal
Clone:	8F8
Class:	hIgG1
Dissociation constant (K_D):	7.50 x 10 ⁻⁰⁹ M (measured against Influenza A H1N1 nucleocapsid protein) 4.05 x 10 ⁻⁰⁹ M (measured against Influenza A H3N2 nucleocapsid protein)
Application:	ELISA
Purification:	Protein A affinity chromatography following gel filtration
Buffer:	PBS pH 7.4
QC:	Simply Safe Stained SDS-PAGE, analytical SEC, Octet binding
Shipping:	Shipped with blue ice.
Storage:	Store at +4 °C. Avoid multiple freeze-thaw cycles.

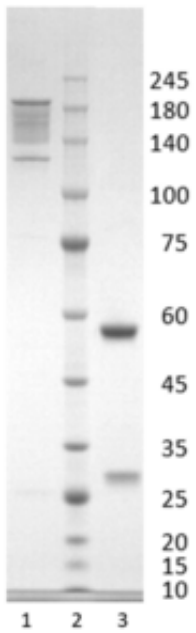


Figure 1. Simply Blue stained SDS-PAGE analysis of Monoclonal antibody to Influenza A, clone 8F8. 4-12% gradient gel is used for analysis. **Lane 1.** 0.8 μ g Monoclonal antibody to Influenza A, clone 8F8 (-DTT) **Lane 2.** Size marker (Smobio) **Lane 3.** 0.8 μ g Monoclonal antibody to Influenza A, clone 8F8 (+DTT).

Peak Table

Peak #	RT (min)	Area	Area %
1	8.193	81.57	1.63
2	9.298	4929.20	98.37

Chromatogram

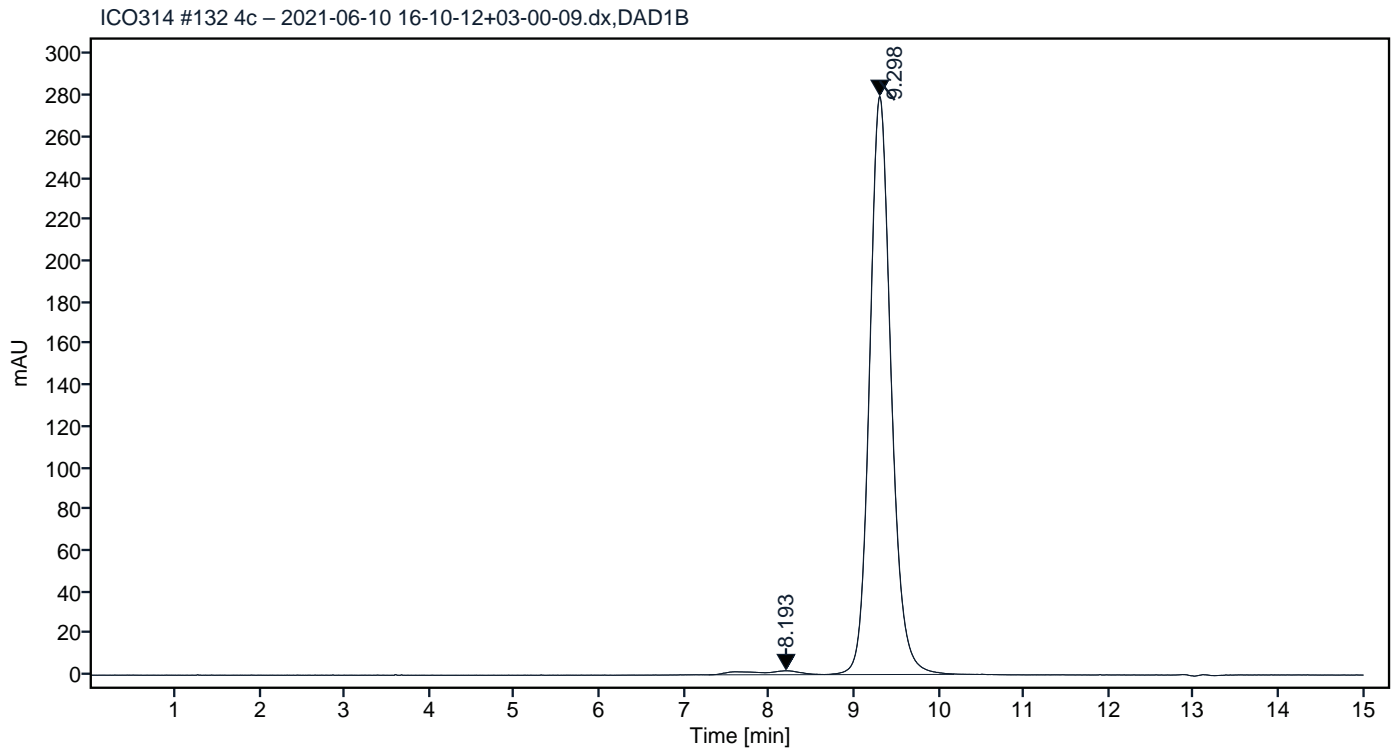


Figure 2. HPLC analytical SEC for final product.

Peak Table

Peak #	RT (min)	Area	Area %
1	7.577	52.64	1.17
2	9.295	4462.78	98.83

Chromatogram

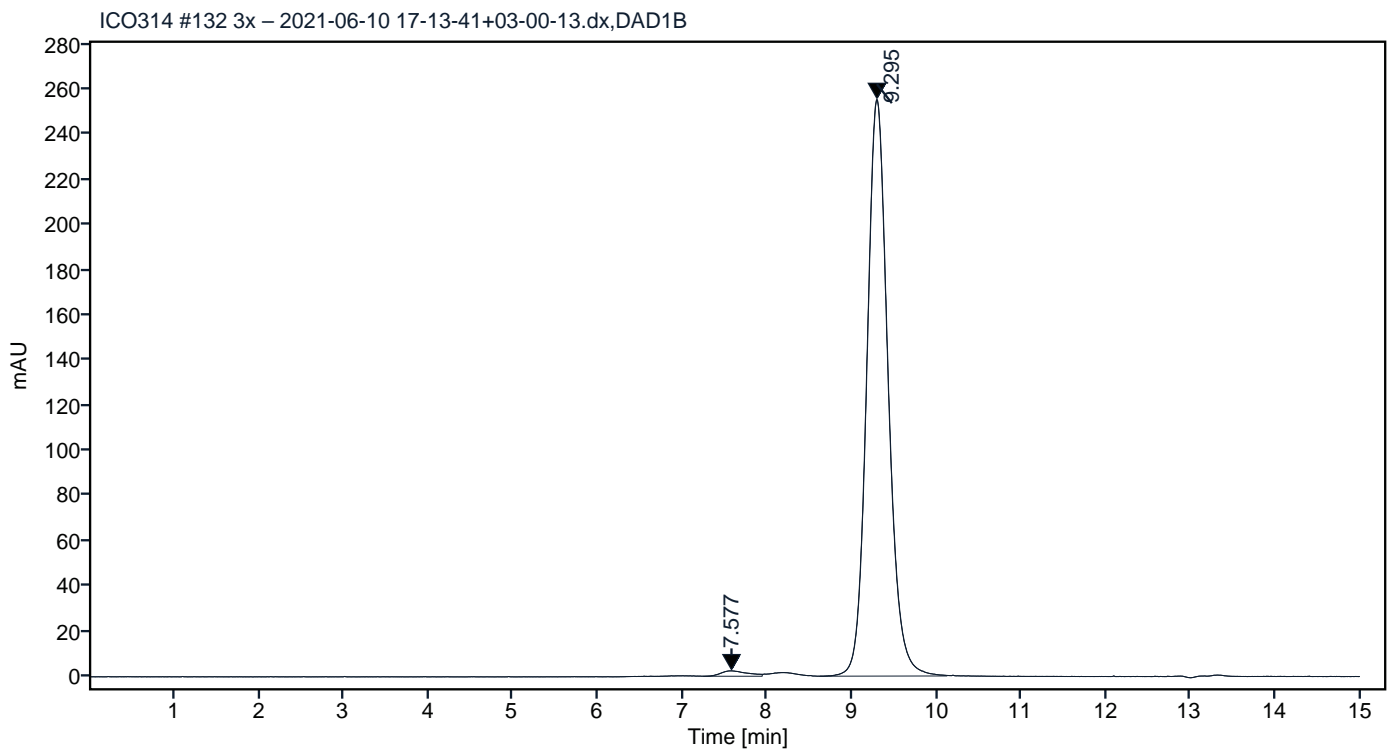


Figure 3. HPLC analytical SEC after 3 freeze-thaw cycles.

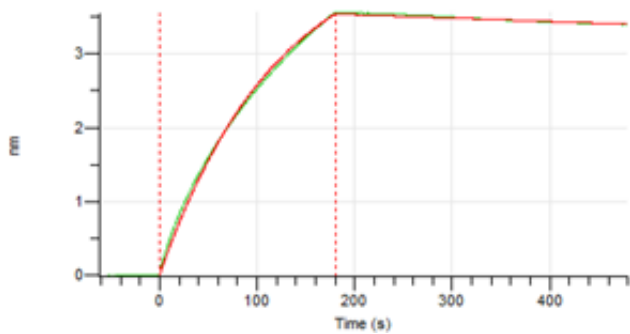


Figure 4. Octet RED96e analysis, antibody was loaded on sensor for capture of H3N2 nucleocapsid protein.

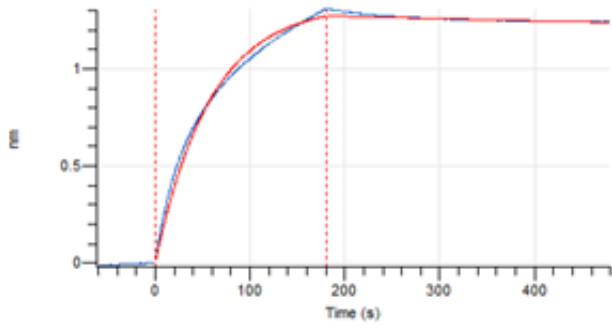


Figure 5. Octet RED96e analysis, antibody was loaded on sensor for capture of H1N1 nucleocapsid protein.