



mAb to Influenza A, clone 3A9

Catalogue #	R1-201-100
Immunogen:	Recombinant Influenza A Nucleocapsid protein
Source:	Human
Clonality:	Human monoclonal
Clone:	3A9
Class:	hIgG1
Application:	ELISA
Protocol:	Monoclonal antibody working titer has to be established practically for each particular antigen and assay format
Purification:	Protein A affinity chromatography following gel filtration
Buffer:	PBS pH 7.4
QC:	Simply Blue Safe stained SDS-PAGE, analytical SEC, Octet binding
Shipping:	Shipped with blue ice.
Storage:	Store at +4 °C. Divide antibody into aliquots prior usage.

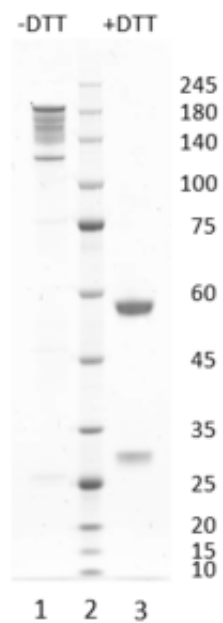


Figure 1. Simply Blue Safe Stain SDS-PAGE analysis of monoclonal antibody to Influenza A, clone 3A9. 4-12% gradient gel is used for analysis. **Lane 1.** 0.8 μ g monoclonal antibody to Influenza A, clone 3A9 (-DTT) **Lane 2.** Size marker **Lane 3.** 0.8 μ g monoclonal antibody to Influenza A, clone 3A9 (+DTT)

Peak Table

Peak #	RT (min)	Area	Area %
1	8.794	2694.69	100.00

Chromatogram

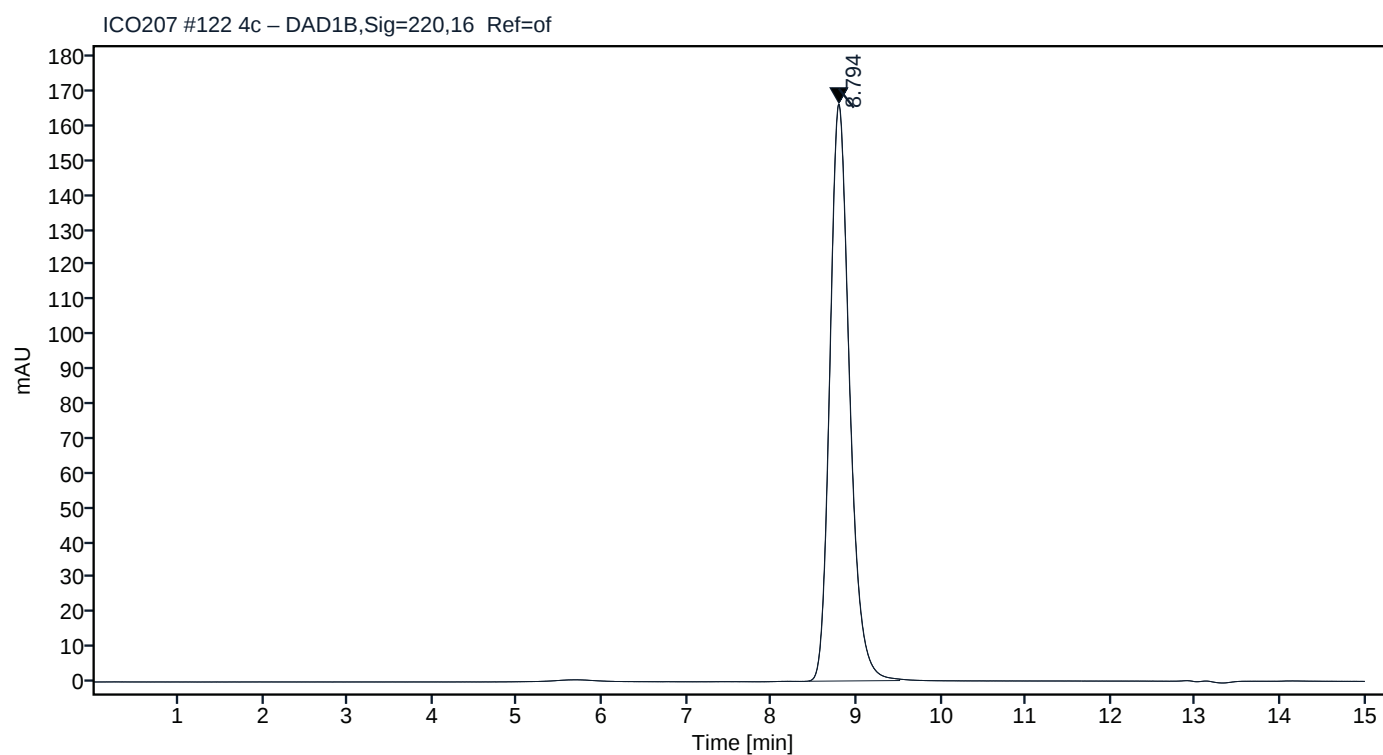


Figure 2. HPLC analytical SEC for final product.

Peak Table

Peak #	RT (min)	Area	Area %
1	8.792	2575.37	100.00

Chromatogram

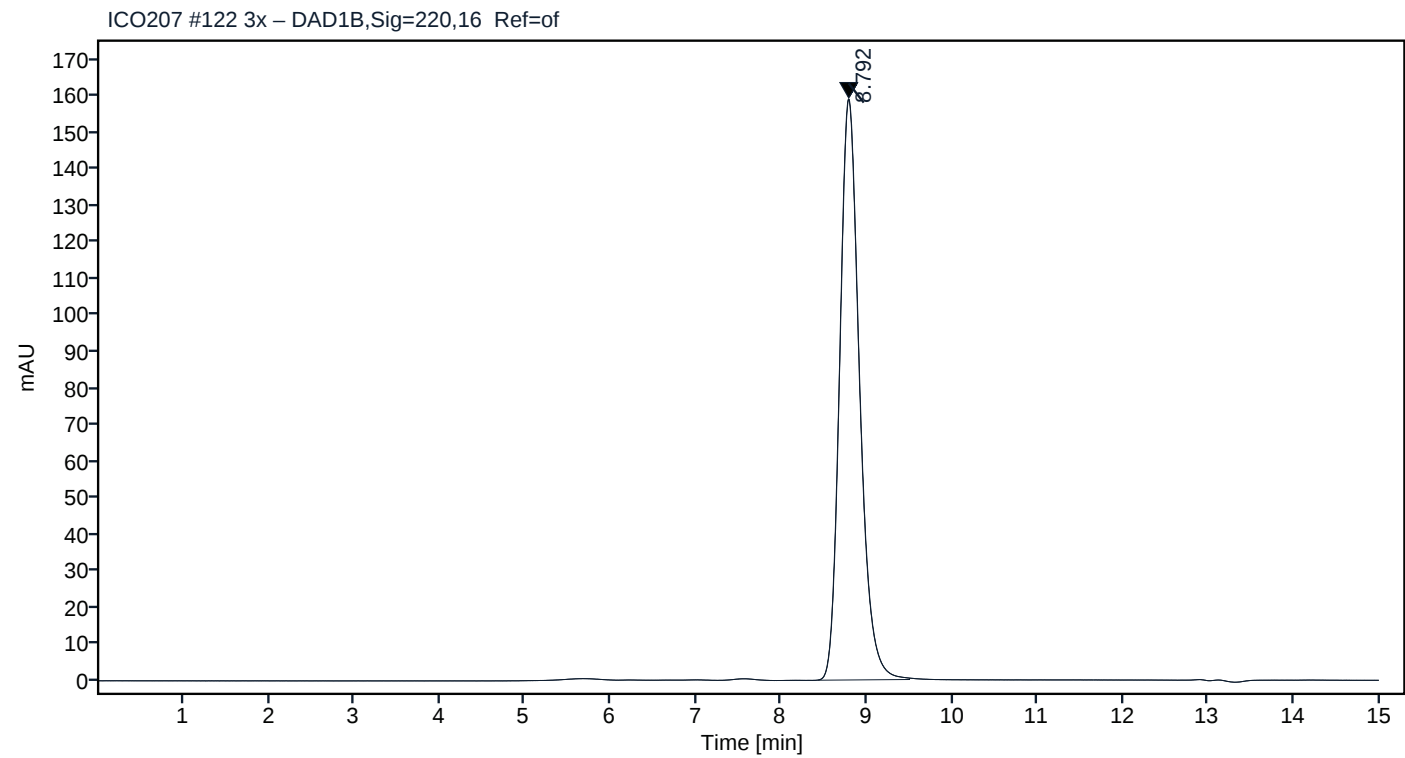


Figure 3. HPLC analytical SEC after 3 freeze-thaw cycles.

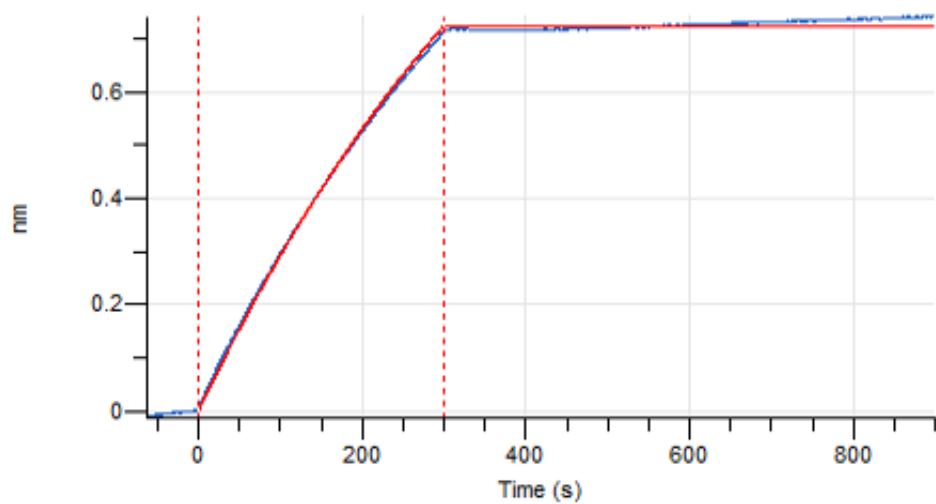


Figure 4. Octet RED96e analysis, antibody was loaded on sensor for capture of H1N1 nucleocapsid protein.

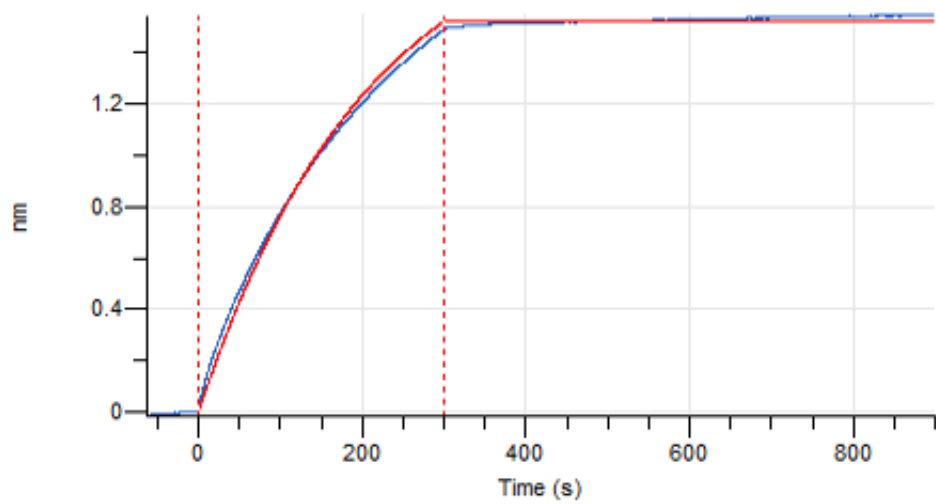


Figure 5. Octet RED96e analysis, antibody was loaded on sensor for capture of H3N2 nucleocapsid protein.