

Version 1.1

Update: 12/27/2019

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	H1N1 (A/California/04/2009), Hemagglutinin
Cat. No.:	Z03181
Lot No.:	E2111002
Storage Condition:	Lyophilized recombinant Influenza A H1N1 (A/California/04/2009(H1N1)) Hemagglutinin remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, HA-H1N1 remains stable up to 2 weeks at 4°C or up to 3 months at -20°C.

Quality Results

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE&HPLC)	> 95%	Conformed
Biological Activity(ED ₅₀)	Data not available	Conformed
Molecular Weight	66 kDa	Conformed
Bacterial Endotoxin	< 1.0 EU/μg	Conformed

Caution:

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188

Certified by: Dandan Yao **Date:** 11/12/2021

Quality Department

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.