

H1 Hemagglutinin (HA) Protein from Influenza A Virus, A/California/07/2009 (H1N1)pdm09, Recombinant from Baculovirus

Catalog No. NR-51668

This reagent is the tangible property of the U.S. Government.

Product Description: A recombinant form of the H1 hemagglutinin (HA) protein from influenza A virus, A/California/07/2009 (H1N1)pdm09 was produced in Sf9 insect cells using a baculovirus expression vector system. The recombinant HA protein containing the H1 ectodomain was purified by ion exchange and by affinity chromatography.

Lot¹: 70026141

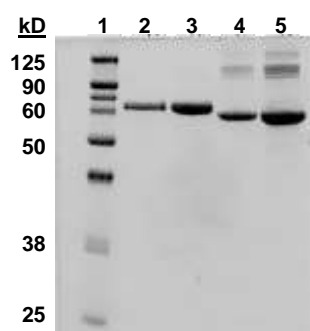
Manufacturing Date: 24APR2019

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE Analysis	Protein band of interest represents > 90% of total staining intensity	Dominant band of ~ 62 kDa accounting for > 90% of total staining intensity (Figure 1)
Protein Concentration²	Report results	1.4 mg per mL
Final Product Amount per vial Volume per vial	Report results Report results	140 µg 0.1 mL
Functional Activity Hemagglutination activity with 0.5% chicken red blood cells	Report results	Negative
Filtration	0.2 µm sterile-filtered	0.2 µm sterile-filtered

¹This item was manufactured and subjected to quality control testing by St. Jude Children's Research Hospital (SJCRH), Memphis, Tennessee, USA.

²Testing performed at SJCRH

Figure 1: SDS-PAGE Analysis of Recombinant H1 HA Protein



Lane 1: MW Markers
Lane 2: NR-51668 (1 µg)
Lane 3: NR-51668 (2.5 µg)
Lane 4: Positive control, BSA (1 µg)
Lane 5: Positive control, BSA (2.5 µg)

Certificate of Analysis for NR-51668

/Heather Couch/

Heather Couch

16 JUL 2019

Program Manager or designee, ATCC Federal Solutions

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