

# Lot Certificate of Analysis

**Protein Name:** A/Panama/2007/1999 rHA H3

**Catalog Number:** H3-7915

**General Information:** 6X-His Hemagglutinin Trimer; Expressed in HEK Expi293; Purified by IMAC; Suspended in Phosphate Buffered Saline with 0.1% Azide

**Quantity:** 100 µg

**Buffer:** **PBSA:**  
Potassium Dihydrogen Phosphate 0.144g/L, Sodium Chloride 9g/L,  
Disodium Phosphate 0.795g/L; 0.1% Azide; pH 7.3-7.5

**MW:** ~270 kDa (native trimer)  
~80-90 kDa (monomer) (SDS-PAGE)

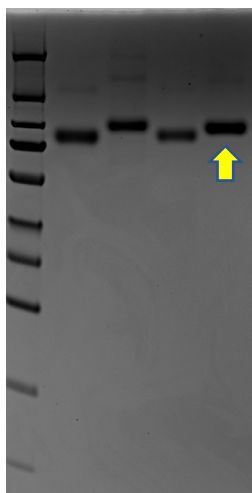
**Purity:** ≥95%

**Stability:** At least 1 year at -80°C

**Storage:** -80°C; Avoid Freeze/Thaw Cycles

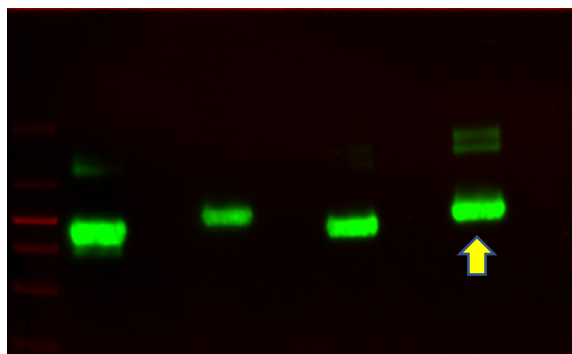
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KGVELKSGYKDWILWISFAISCFLLCVLLGFIMWACQKGNIRCNICI

### Coomassie Gel with BSA Standard:



Lane 1: Ladder  
Lane 2: H1 + CA/09 wt H1N1 STD 1 $\mu$ g  
Lane 3: H3 + Sing/16 wt H3N2 STD 1 $\mu$ g  
Lane 4: CA/09 wt 7871 H1-7871-003 1 $\mu$ g  
Lane 5: Pan/99 wt 7915 H3-7915-001

### Anti-His Western Blot with HA Standard:



Lane 1: Ladder  
Lane 2: H1 + CA/09 wt H1N1 STD 1 $\mu$ g  
Lane 3: Blank  
Lane 4: H3 + Sing/16 wt H3N2 STD 1 $\mu$ g  
Lane 5: Blank  
Lane 6: CA/09 wt 7871 H1-7871-003 1 $\mu$ g  
Lane 7: Blank  
Lane 8: Pan/99 wt 7915 H3-7915-001  
Lane 9: Blank