

# Lot Certificate of Analysis

**Protein Name:** A/Singapore/INFIMH-16-0019/2016 rHA

**Catalog Number:** H3-7975

**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)

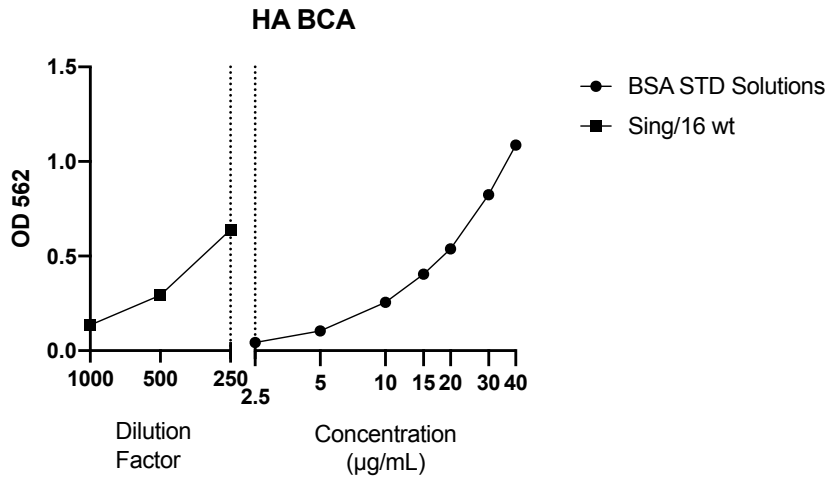
**Purity:** ≥95%

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

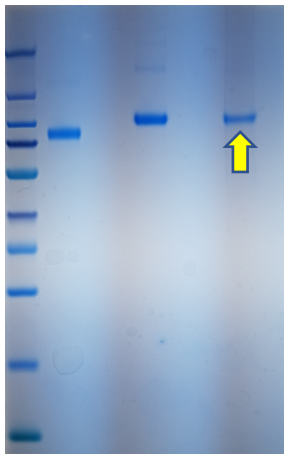
**Storage:** -80°C; Avoid Freeze/Thaw Cycles

**Sequence:** **EPI964897**  
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**BCA Curve with Plotted Points:**

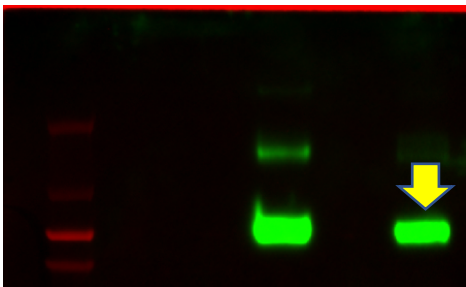


**Coomassie Gel:**



- Lane 1: Ladder
- Lane 2: H1 + CA/09 wt H1N1 STD 1µg
- Lane 3: Blank
- Lane 4: H3 + Sing/16 wt H3N2 STD
- Lane 5: Blank
- Lane 6: Sing/16 wt 7975 H3-7975-006 1µg

**Western Blot with HA Standard:**



- Lane 1: Ladder
- Lane 2: H1 + CA/09 wt H1N1 STD 1µg
- Lane 3: Blank
- Lane 4: H3 + Sing/16 wt H3N2 STD
- Lane 5: Blank
- Lane 6: Sing/16 wt 7975 H3-7975-006 1µg