

# Certificate of Analysis

**Protein Name:** A/Chile/1/1983 rHA H1

**Catalog Number:** H1-7921

**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)

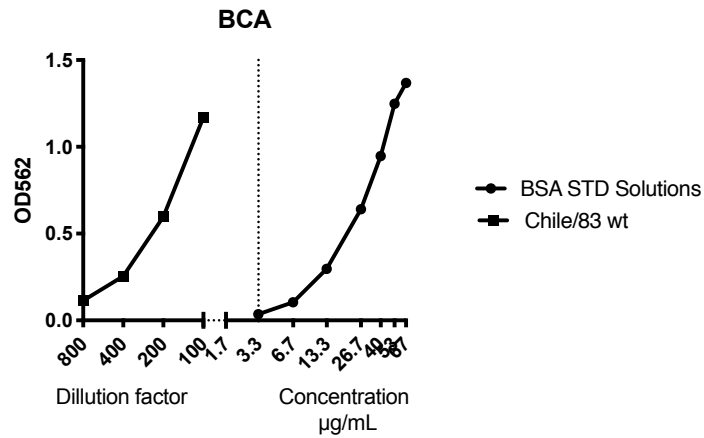
**Purity:** ≥95%

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

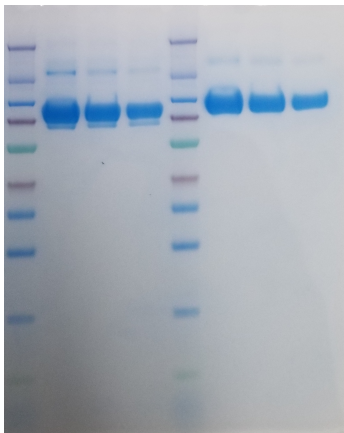
**Storage:** -80°C; Avoid Freeze/Thaw Cycles

**Sequence:** **EPI387662**  
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**BCA Curve with Plotted Points:**

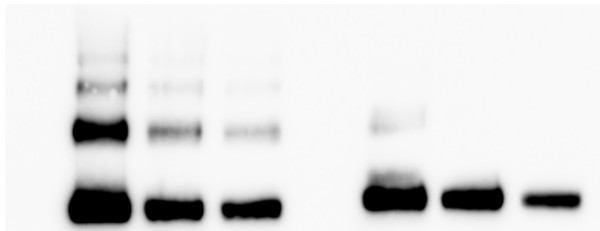


**Coomassie Gel with BSA Standard:**



- Lane 1: Ladder
- Lane 2: CA/09 wt STD 8µg
- Lane 3: CA/09 wt STD 5µg
- Lane 4: CA/09 wt STD 3µg
- Lane 5: Ladder
- Lane 6: Chile/83 wt 7921 8µg
- Lane 7: Chile/83 wt 7921 5µg
- Lane 8: Chile/83 wt 7921 3µg

**Western Blot with HA Standard:**



- Lane 1: Ladder
- Lane 2: CA/09 wt STD 500ng
- Lane 3: CA/09 wt STD 250ng
- Lane 4: CA/09 wt STD 100ng
- Lane 5: Ladder
- Lane 6: Chile/83 wt 7921 500ng
- Lane 7: Chile/83 wt 7921 250ng
- Lane 8: Chile/83 wt 7921 100ng