

Lot Certificate of Analysis

Protein Name: A/Swine/Gent/8/2018 rHA H1

Catalog Number: H1-20256

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

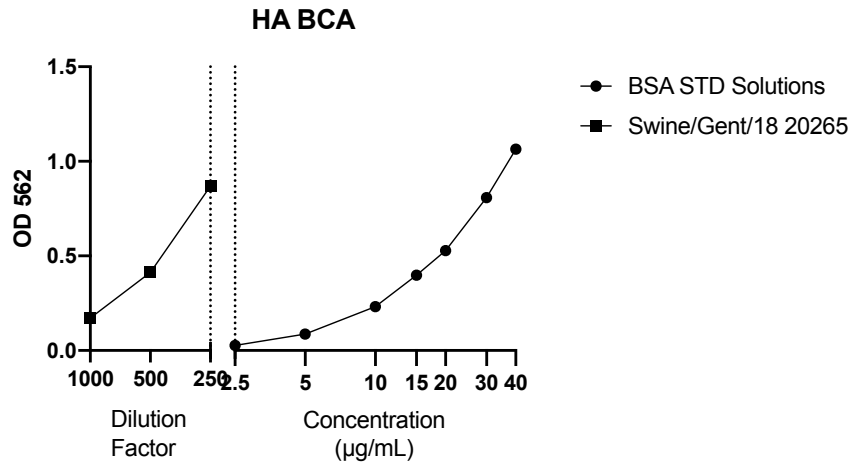
MW: ~270 kDa (native trimer)
~80-90 kDa (monomer) (SDS-PAGE)

Purity: ≥95%

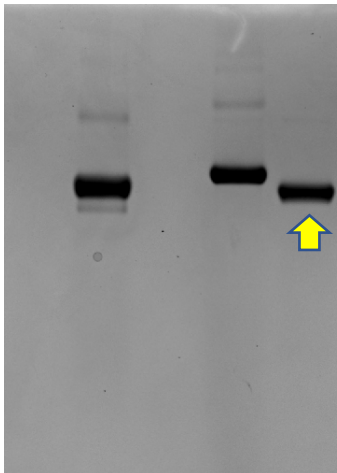
Stability: At least 1 year at -80°C

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

BCA Curve with Plotted Points:



Coomassie Gel with BSA Standard:



- Lane 1: Blank
- Lane 2: H1 + CA/09 wt H1N1 STD 1µg
- Lane 3: Blank
- Lane 4: H3 + Sing/16 wt H3N2 STD 1µg
- Lane 5: Swine/Gent/18 wt 20256 H1-20256-001 1µg

Western Blot with HA Standard:



- Lane 1: Blank
- Lane 2: H1 + CA/09 wt H1N1 STD 1µg
- Lane 3: Blank
- Lane 4: H3 + Sing/16 wt H3N2 STD 1µg
- Lane 5: Blank
- Lane 6: Swine/Gent/18 wt 20256 H1-20256-001 1µg
- Lane 7: Blank
- Lane 8: B/Bris/08 7835 BV-7835-002 1µg
- Lane 9: Blank
- Lane 10: Bris/18 wt 20235 H1-20235-005 1µg