

# Lot Certificate of Analysis

**Protein Name:** A/Wisconsin/588/2019 rHA

**Catalog Number:** H1-20356

**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)

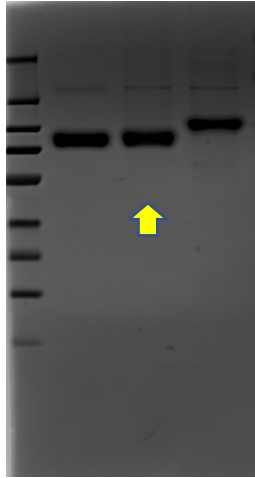
**Purity:** ≥95%

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

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

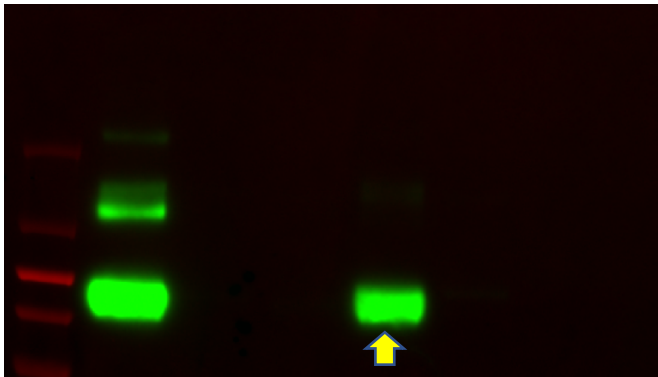
For Research Use Only

**Coomassie Gel with BSA Standard:**



- Lane 1: Ladder
- Lane 2: CA/09 wt 7871 H1 STD 1 $\mu$ g
- Lane 3: A/Wisc/19 20356 H1-20356-001 1 $\mu$ g
- Lane 4: A/Tas/20 20355 H3-20355-001 1 $\mu$ g

**Anti-H1 Western Blot with HA Standard:**



- Lane 1: Ladder
- Lane 2: CA/09 wt 7871 H1 STD 1 $\mu$ g
- Lane 3: Sing/16 wt 7975 H3 STD 1 $\mu$ g
- Lane 4: SARS-CoV-2 Spike JM 20296 C19 STD 1 $\mu$ g
- Lane 5: A/Wisc/19 20356 H1-20356-001 1 $\mu$ g
- Lane 6: A/Tas/20 20355 H3-20355-001 1 $\mu$ g