

Certificate of Analysis

Protein Name: A/Wisconsin/67/2005 rHA H3

Catalog Number: H3-7916

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)

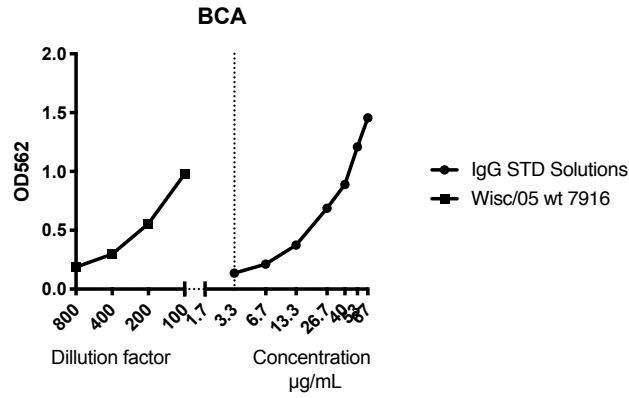
Purity: ≥95%

Stability: At least 1 year at -80°C

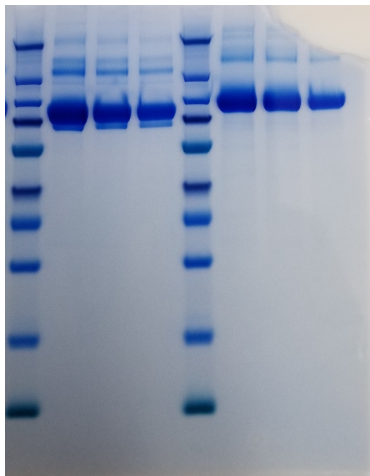
Storage: -80°C; Avoid Freeze/Thaw Cycles

Sequence: EPI1868444
MKTIIALSILCLVFAQKLPGNDNSTATLCLGHHAVPNGTIVKTITNDQIEVTNATELVQSSSTGGI
CDSPHQILDGENCTLIDALLGDPQCDGFQNKKWDLFVERSKAYSNCPYDVPDYASLRSLVASS
GTLEFNDESFNWTGVTQNGTSSSCKRRSNNSFFSRLNWLTHLKFYPALNVTMPNNEKFDKLYI
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QINGKLNRLIGKTNEKFHQIEKEFSEVEGRIQDLEKYVEDTKIDLWSYNAELLVALENQHTIDLTDS
EMNKL FERTKKQLRENXEDMGNGCFKIYHKCDNACIGSIRNGTYDHDVYRDEALNNRFQJIGV
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BCA Curve with Plotted Points:

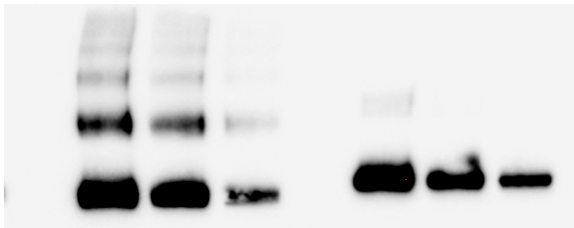


Coomassie Gel with BSA Standard:



- 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: Wisc/05 wt 8µg
- Lane 7: Wisc/05 wt 5µg
- Lane 8: Wisc/05 wt 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: Wisc/05 wt 500ng
- Lane 7: Wisc/05 wt 250ng
- Lane 8: Wisc/05 wt 100ng