

# Lot Certificate of Analysis

**Protein Name:** B/Washington/02/2019 rHA (Victoria)

**Catalog Number:** BV-8031

**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:** EPI2255903  
MKAIIVLLMVVTSNADRICTGITSSNSPHVVKATQGEVNVTVIPLTTTPTKSHFANLKGTETRG  
KLCPKCLNCTDLVALGRPKCTGKIP SARVSILHEVRPVTSGCFPIMHDR TKIRQLPNLLRGYEHV  
RLSTHNVINAKDAPGRPYEIGTSGSCP NITNGNGFFATMAWAVPKNDKNKTATNPLTIEVPYIC  
TEGEDQITVWGFHSDNETQMAKLYGDSK PQKFTSSANGVTTHYVSQIGGFNPQTEDGGLPQS  
GRIVVDY MVQKSGKTGTITYQRGILLPQKVVW CASGRSKVIKGS LPLIGEADCLHEKYGGLNKS KP  
YYTGEHAKAIGNCPIWVK TPLKLANGTKYRPPAKLLKERGFFGAIAGFLEGGWEGMIAGWHGY  
TSHGAHGVAVAADLKSTQEAINKITKNLNSLSELEVKNLQRLSGAMDELHNEILELDEKVDLRA  
DTISSQIELAVLLSNEGIINSEDEHLLALERK LKMLGPSAVEIGNGCFETKHKCNQTCLDRIAAGT  
FDAGEFSLPTFDSL NITAASLNDDGLDNHTILLYSTAASSLAVTLMIAIFVVY MVSRDNVSCSICL