

## Certificate of Analysis

**Name:** Cytomegalovirus gH Pentamer Complex, ion-exchange purified

**Product Code:** CMV-PENT-IX-100

*Please note that this batch has been incorrectly labelled as CMV-PENT-100. We have decided not to relabel this batch which would have resulted in an additional freeze-thaw cycle which may be detrimental to the performance of this antigen. Please be assured that this product is CMV-PENT-IX-100*

**Batch #:** 22102611

**Date of Manufacture:** 03 Nov 2022

**Product Description:** Recombinant human cytomegalovirus pentamer protein complex, consisting of proteins UL75 (gH), UL115 (gL), UL128, UL130 and UL131A, produced in HEK293 cells. The gH protein contains a His-tag. This protein has been purified by an additional ion-exchange chromatography step.

**Expression System:** HEK293

**Accession:** ACZ79986; YP\_081566; Q68672.1; AAR31451.1; ABA86653.1

**Strain/Isolate:** VR1814

**Amino Acids:** 1-718; 1-129; 1-278; 1-171; 1-214

**Tag:** 6xHis-tag, C-terminus

**Amount:** 0.1 mg

**Concentration:** 0.84mg/ml

**Purity:** >95% by SDS-PAGE

**Presentation:** Liquid

**Buffer:** 50mM HEPES pH7.0, 190mM NaCl

### Usage Guidelines

**Short Term Storage:** -80°C

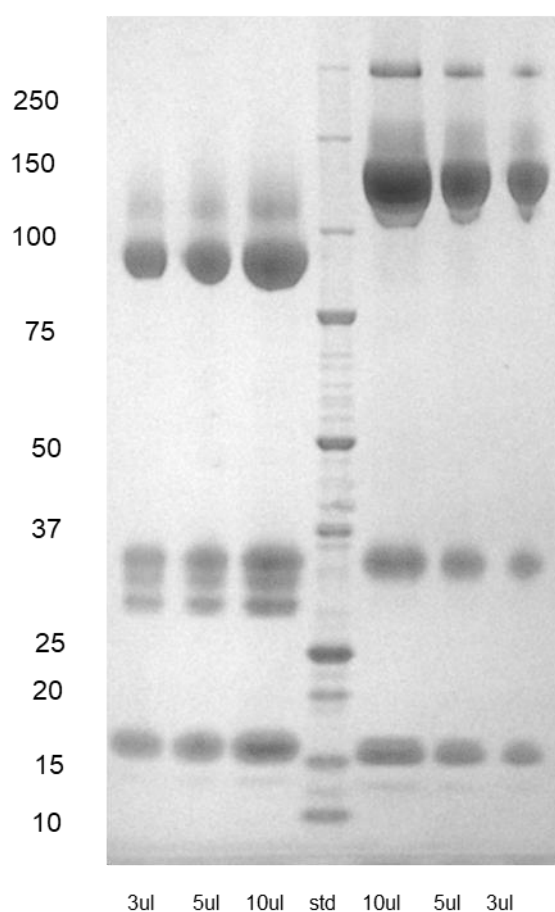
**Long Term Storage:** -80°C

**Stability:** The protein can be handled at room temperature, but exposure to temperatures >4°C should be minimised. Freeze the protein when storing for > 1 week.

**Freezing:** Can be frozen and thawed, but avoid excessive freeze/thaw cycles

### **SDS-PAGE:**

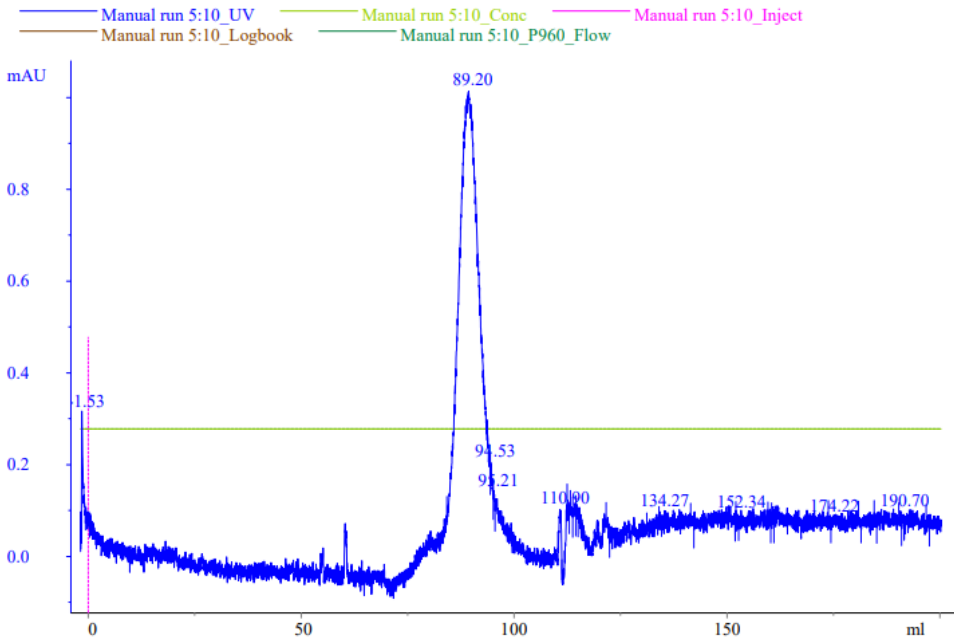
[kDa]      Reducing    M    Non-Reducing



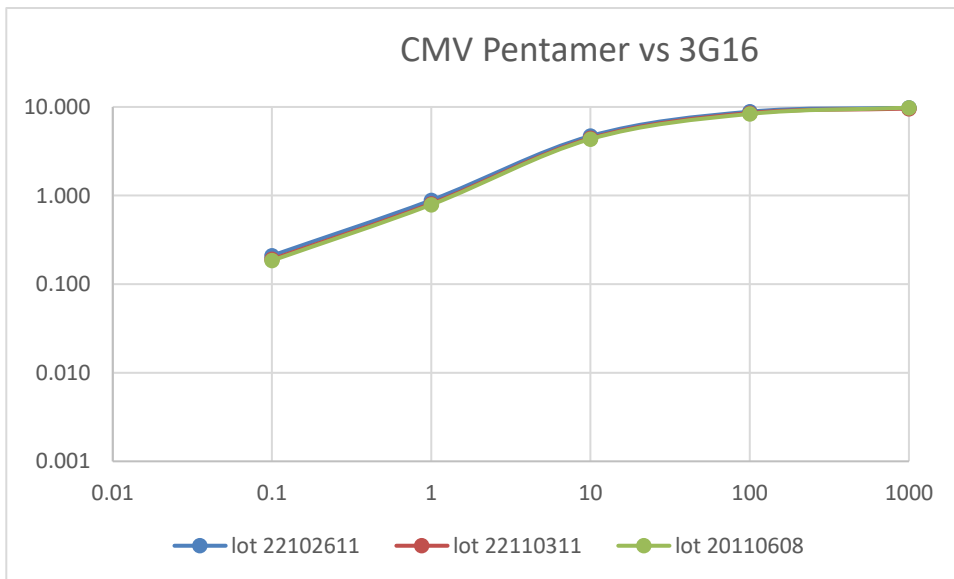


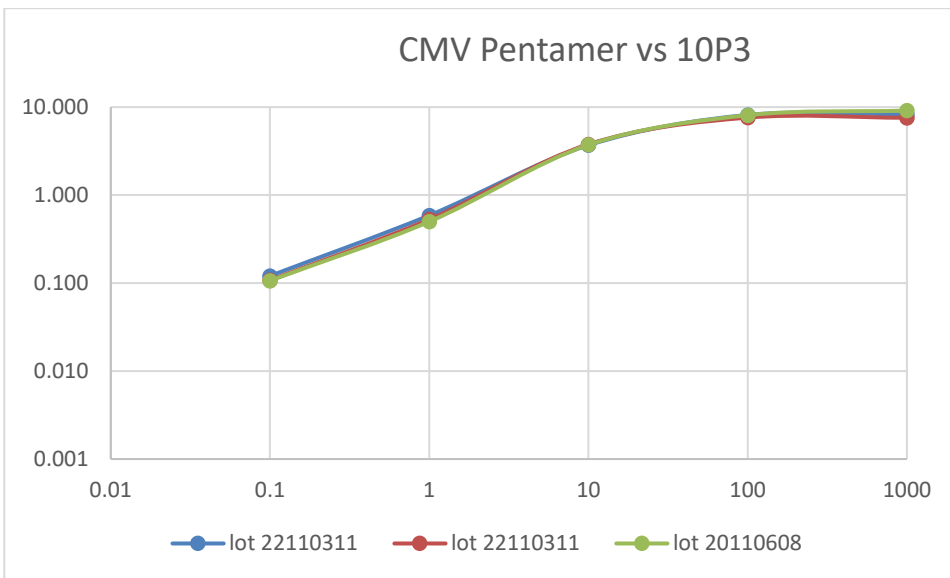
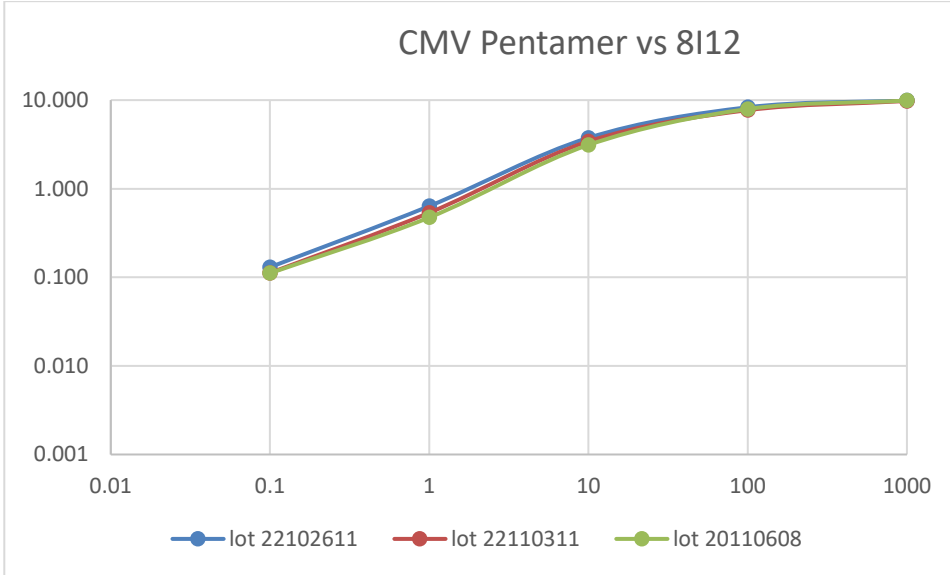
**SEC:**

UNICORN 5.31 (Build 743)  
Result file: C:\...\default\CMV Pentamer\2022 11 22 batch22102611 CMV PENT IX Analytical SEC002 run RHL



**ELISA:**





13/04/2023

18/04/2023

X *Tracy Pullen*

X *Linda Hennebry*

QC  
 Signed by: Tracy Pullen

QA  
 Signed by: Linda Hennebry

**Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.**



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