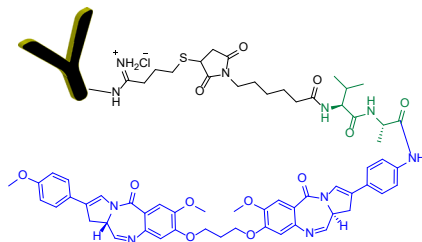


Certificate of Analysis

Description of the Material:

- (a) Product Name: ADC Control hIgG1-PBD Dimer
(b) Chemical Structure:



- (c) Molecular Weight: 150,222 Da
(d) Appearance: Colorless to white lyophilized powder
(e) Amount: Each tube contains either 100 µg or 500 µg product
(f) Reconstitution: Dissolve in 100 µL (for 100 µg tube) or 500 µL (for 500 µg tube) deionized water to achieve 1 mg/mL in sodium citrate buffer containing sugar-based stabilizer (no preservative)

Antibody Information:

- (a) Immunogen: HEL (Hen Egg Lysozyme)
(b) Species Reactivity: Chicken
(c) Expression Host: CHO-S cell line
(d) Class: Human IgG1, Kappa
(e) Antibody Type: Monoclonal
(f) Applications: ELISA, FACS, IF, IHC, *in vivo* studies, IP, WB
(g) Purification Method: Affinity purified

SKU Code and Batch Number:

- (h) SKU Code: CM51104-100UG, CM51104-500UG, or CM51104-1MG
(i) Lot Number: S593.S12.0402E

Purity, Endotoxin, and DAR Data:

- (a) HPLC Purity: ≥99% of PBD Dimer labeled antibody by SEC HPLC (16.4% aggregated), free of any unreacted PBD Dimer.
(b) Endotoxin Level: ≤0.5 EU/mg.
(c) MALDI-TOF MS Data for Intact Conjugate: 150,222 Da
(d) Drug over Antibody Ratio (DAR):

Method	Average DAR
HIC HPLC	3.3
Difference in MALDI-TOF MS	3.4

Intended Use: For research and development use only.

Hazard Information: See SDS.


Shelf life, Storage/Stability: The product is fairly stable as solid at ambient temperature. Recommended long-term storage is at -20 °C or preferably in a -80 °C freezer. The reconstituted lyophilized tubes should be used immediately following reconstitution with sterile water. If not used immediately, the reconstituted tubes can be stored for up to 4 hours in a 2–8 °C refrigerator.

Expiration Date: 1 year after receiving if stored at -20 °C or below.

Data Appendix: Size exclusion HPLC.

Injection date: Tue, 8. Apr. 2025
 C:\HPCHEM\1\DATA\HPLC4_25\04080004.D
 Instrument:Instrument 1

Injection Time:2:37:49 PM
 Report Style:CM_Extor

 CellMosaic, Inc. www.cellmosaic.com
 10 A Roessler Road, Woburn, MA 01801, USA.

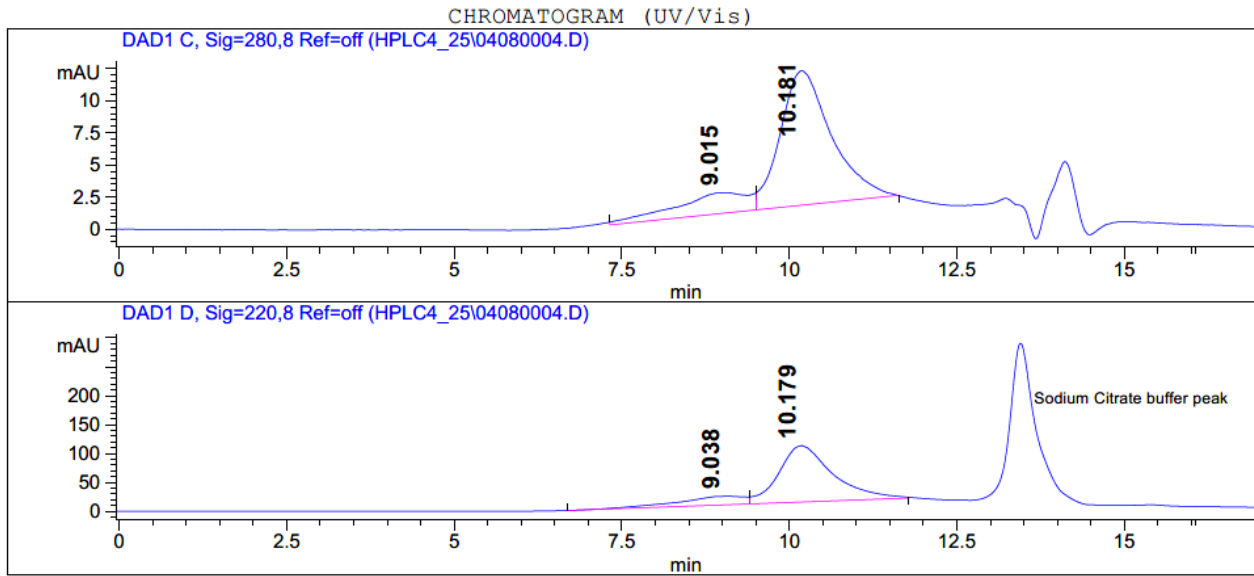
HPLC ANALYSIS DATA

Data Acquired By:QC
 Sample Location:Vial 3
 Sample Name:S593.S12.0402E

Actual injection Volume:5.0 uL
 Sequence Name:
 Method:C:\HPCHEM\1\METHODS\C14-6001.M
 Pressure: 16.5 bar
 Flow: 0.250 uL/min
 Temp (C): 25.0 C

-- SAMPLE INFORMATION --
 ADC Control
 hIgG1-PBD Dimer

SEC HPLC



Signal Description Wavelength(nm), Bw	Retention Time [Min.]	Area [mAU.s]	Area %
DAD1 C, Sig=280,8 Ref=off	9.015	126.9	18.6
	10.181	556.6	81.4
DAD1 D, Sig=220,8 Ref=off	9.038	1074.5	16.4
	10.179	5481.8	83.6

*****END OF REPORT*****