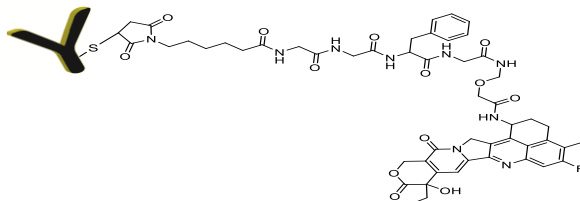


Certificate of Analysis

Description of the Material:

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



- (c) Molecular Weight: 151 KDa
 (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: CM51103-100UG, CM51103-500UG, or CM51103-1MG
 (i) Lot Number: S525.S19.0531D

Purity, Endotoxin, and DAR Data:

- (a) HPLC Purity: ≥99% of Deruxtecan labeled antibody by SEC HPLC (1.3% aggregated), free of any unreacted Deruxtecan.
 (b) Endotoxin Level: ≤0.5 EU/mg by the LAL method
 (c) MALDI-TOF MS Data for Intact Conjugate: 150,814 Da
 (d) Drug over Antibody Ratio (DAR):

Method	Average DAR
UV Ratio (A380/A280)	4.4
HIC HPLC	4.2
Difference in MALDI-TOF MS	3.8

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: Wed, 5. Jun. 2024
C:\HPCHEM\1\DATA\HPLC4_24\06050014.D
Instrument:Instrument 1

Injection Time:6:23:25 PM
Report Style:CM_Ext

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

HPLC ANALYSIS DATA

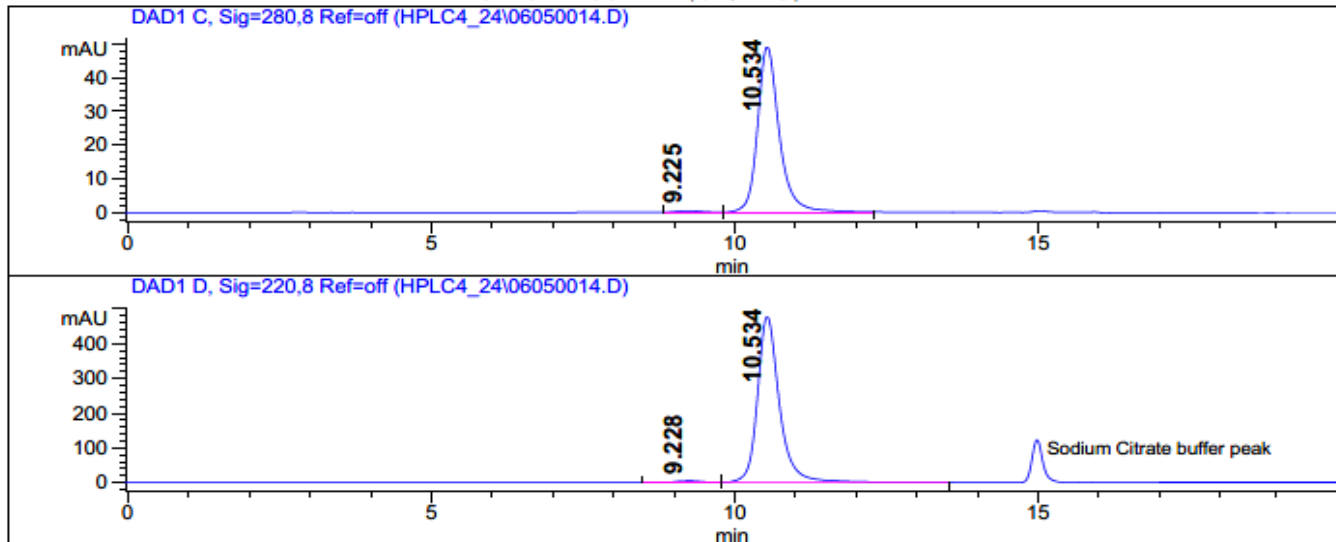
Data Acquired By:QC
Sample Location:Vial 52
Sample Name:CM51103

Actual injection Volume:10.0 uL
Sequence Name:
Method:C:\HPCHEM\1\METHODS\C2-3001.M
Pressure: 38.0 bar
Flow: 0.750 uL/min
Temp (C): 25.0 C

-- SAMPLE INFORMATION --
ADC Control hIgG1-Deruxtecan
S525.S19.0531D

SEC HPLC

CHROMATOGRAM (UV/Vis)



Signal Description Wavelength(nm), Bw	Retention Time [Min.]	Area [mAU.s]	Area %
DAD1 C, Sig=280,8 Ref=off	9.225	10.6	0.9
DAD1 C, Sig=280,8 Ref=off	10.534	1222.0	99.1
DAD1 D, Sig=220,8 Ref=off	9.228	154.3	1.3
DAD1 D, Sig=220,8 Ref=off	10.534	12101.2	98.7

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