

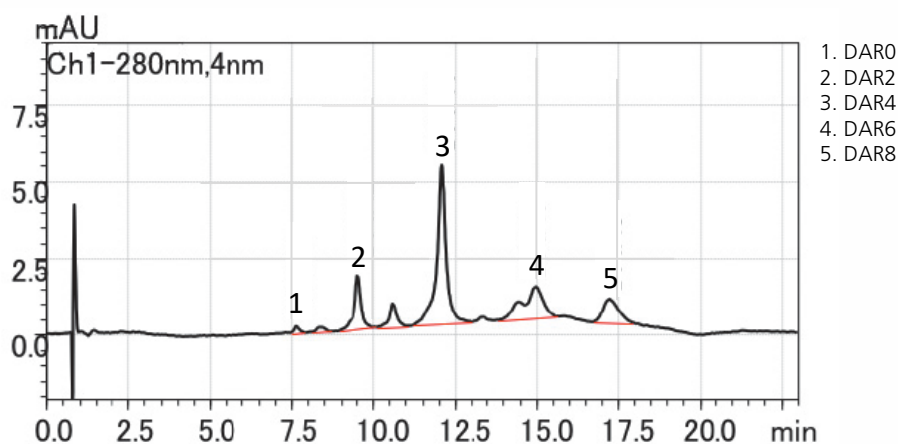
CoreFocus
Report
No.275

LC HIC Shim-pack Series

Shim-pack™ Bio HIC

Analysis of DAR

Keywords: drug-antibody ratios, antibody-drug conjugate



System	: Inert LC (1.6 mL mixer)
Column	: Shim-pack Bio HIC (100 mm. x 4.6 mm I.D., 4 μm), P/N : 227-31174-01
Mobile phase	: A) 50 mmol/L NaH ₂ PO ₄ -Na ₂ HPO ₄ (pH 7.0) containing 1.5 mol/L (NH ₄) ₂ SO ₄ /2-Propanol (95/5) B) 50 mmol/L NaH ₂ PO ₄ -Na ₂ HPO ₄ (pH 7.0)/2-Propanol (80/20)
Time program	: B conc. 0 % (0-1 min) → 0-100 % (1-18 min) → 100 % (18-23 min)
Flow rate	: 1.0 mL/min
Injection vol.	: 5 μL
Column temp.	: 25 °C
Detection	: UV 280 nm (PDA)
Sample	: Cysteine-liked ADC Mimic (5 mg/mL)

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