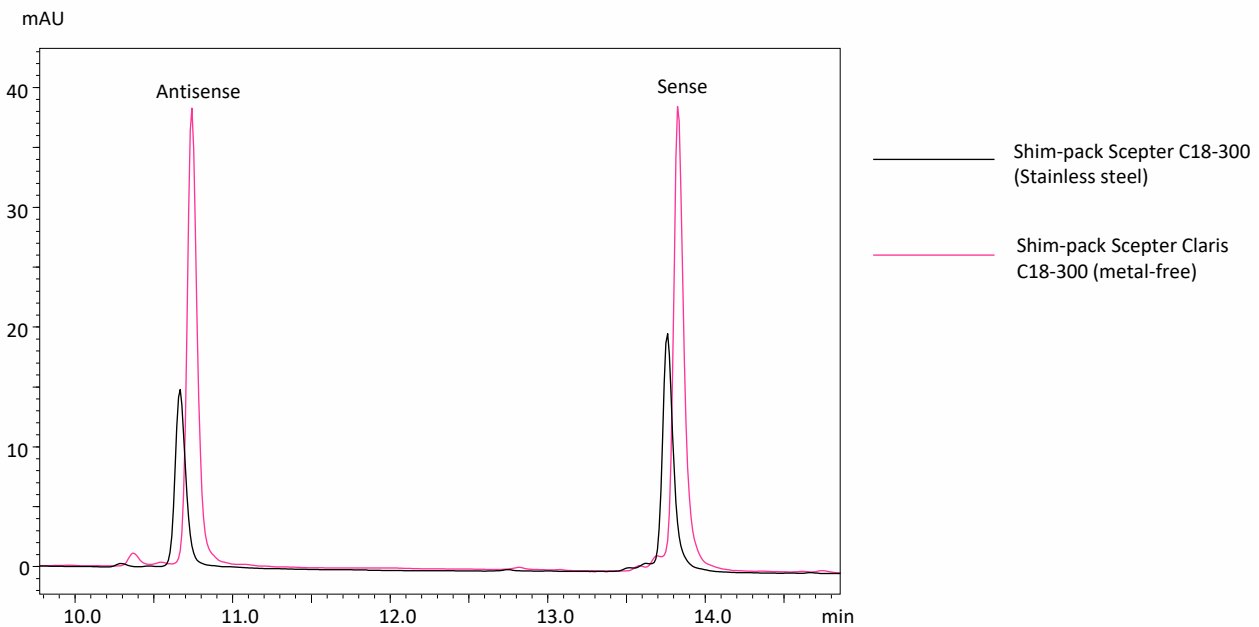


**CoreFocus**  
**Report**  
**No.435**

LC    Reversed-Phase    Shim-pack™ Series

**Shim-pack Scepter™ Claris C18-300**  
**Analysis of siRNA under denaturing condition**

**Keywords: oligonucleotide, RNA, metal-free column**



System	: Nexera™ XS inert
Column	: Shim-pack Scepter Claris C18-300 (100 mm × 2.1 mm I.D., 3 μm), P/N : 227-31209-05
	: Shim-pack Scepter C18-300 (100 mm × 2.1 mm I.D., 3 μm), P/N : 227-31203-15
Mobile phase	: A) 200mmol/L HFIP*1 and 20 mmol/L DIPEA*2 in water
	: B) Methanol
Gradient program	: B. conc. 15% (0-1 min) →35% (21 min)→95% (21.01-26 min) →15% (26.01-33 min)
Flow rate	: 0.3 mL/min
Column temp.	: 65°C
Injection vol.	: 2 μL
Detection	: UV 260 nm (SPD-M40, UHPLC inert cell)
Sample	: 21 mer siRNA duplex standard

\*1 1,1,1,3,3,3-Hexafluoro-2-propanol

\*2 N,N-diisopropylethylamine

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