

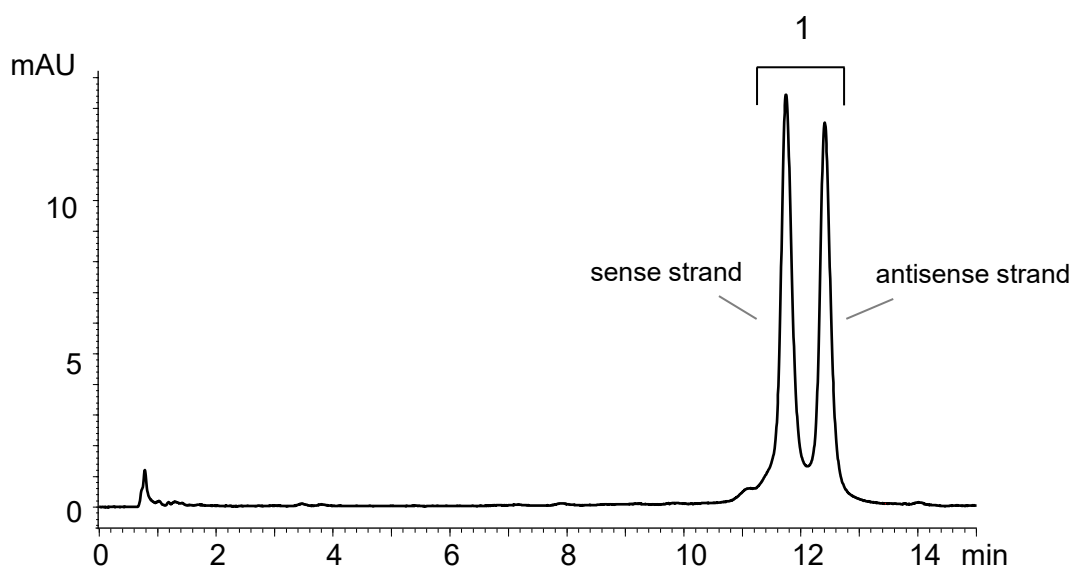
siRNA duplex under denaturing condition

AA220218D

siRNA

5'-CGU ACG CGG AAU ACU UCG AdTdT-3' sense strand
3'-dTdTGCA UGC GCC UUA UGA AGC U-5' antisense strand

1. siRNA duplex



Column : BioPro IEX QF (5 μ m)
100 X 4.6 mm I.D.

Eluent : A) 10 mM NaOH
B) 10 mM NaOH containing 1 M NaClO₄
30-37%B (0-15 min)

Flow rate : 1.0 mL/min

Temperature : 25°C

Detection : UV at 260 nm

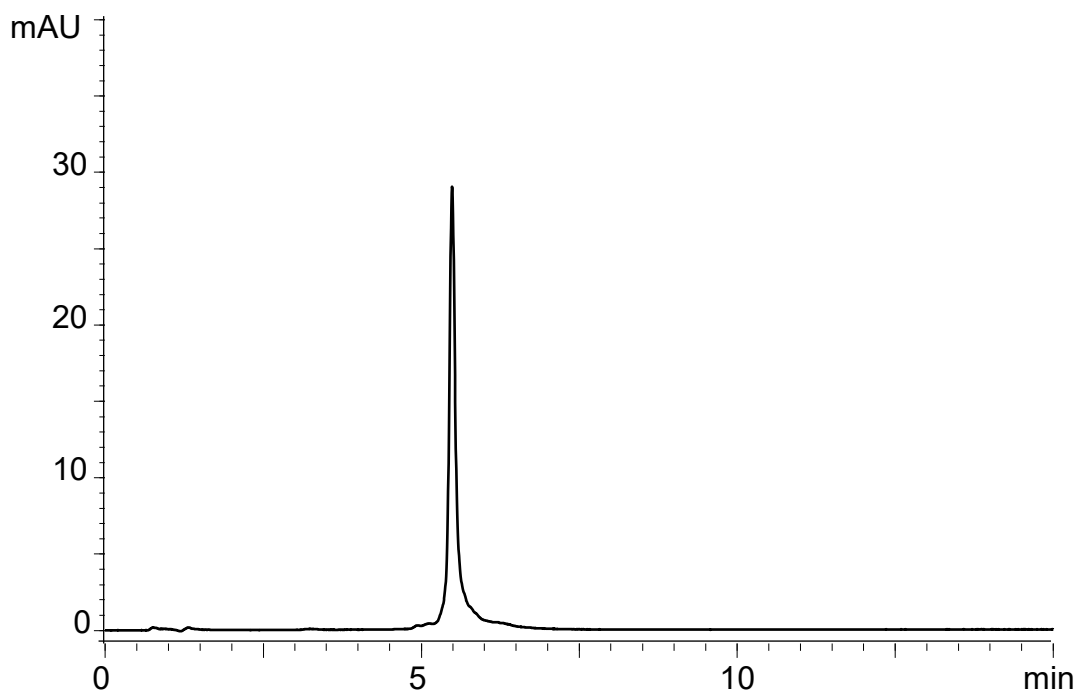
Injection : 4 μ L (5 nmol/mL)

siRNA duplex under non-denaturing condition

AA211228A

siRNA

5'-CGU ACG CGG AAU ACU UCG AdTdT-3'
3'-dTdTGCA UGC GCC UUA UGA AGC U-5'



Column : BioPro IEX QF (5 μ m)
100 X 4.6 mmI.D.

Eluent : A) 20 mM Tris-HCl (pH 8.1)
B) 20 mM Tris-HCl (pH 8.1) containing 1 M NaClO₄
25-40%B (0-15 min)

Flow rate : 1.0 mL/min

Temperature : 25°C

Detection : UV at 260 nm

Injection : 4 μ L (5 nmol/mL)