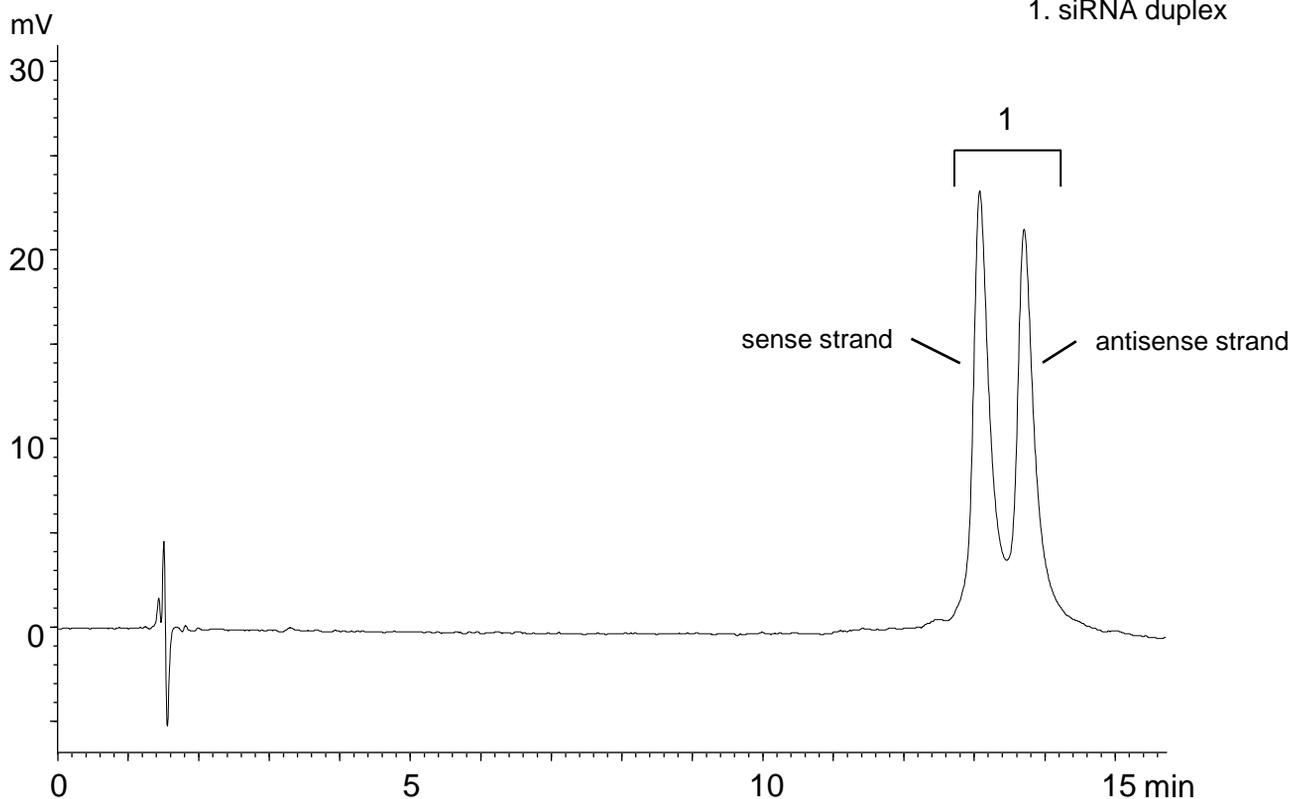


siRNA duplex under denaturing condition (high temperature)

D240509C

siRNA

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



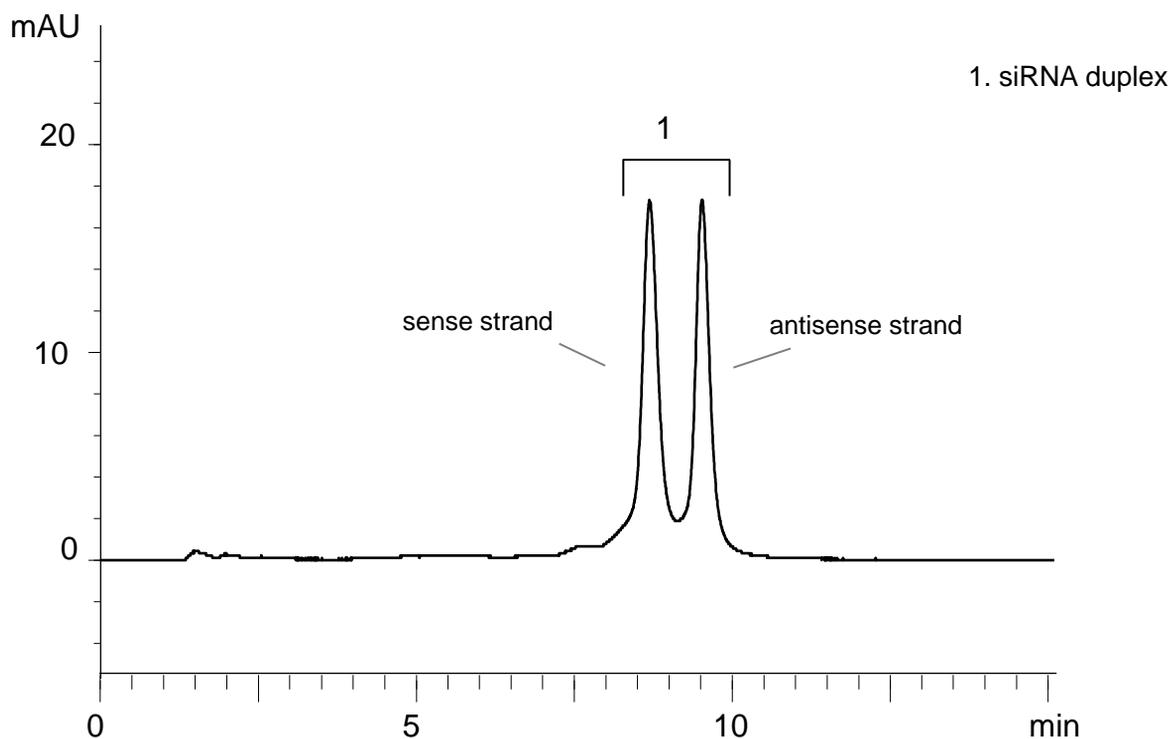
Column : Accura BioPro IEX QF (5  $\mu$ m), 100 X 4.6 mmI.D.  
 Eluent : A) 50 mM Glycine-NaOH (pH 10.0)  
           B) 50 mM Glycine-NaOH (pH 10.0) containing 1.0 M NaCl  
           60-90%B (0-15 min)  
 Flow rate : 0.5 mL/min  
 Temperature : 80°C  
 Detection : UV at 260 nm  
 Injection : 4  $\mu$ L (5 nmol/mL)

siRNA duplex under denaturing condition (high pH)

P230418A02

siRNA

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



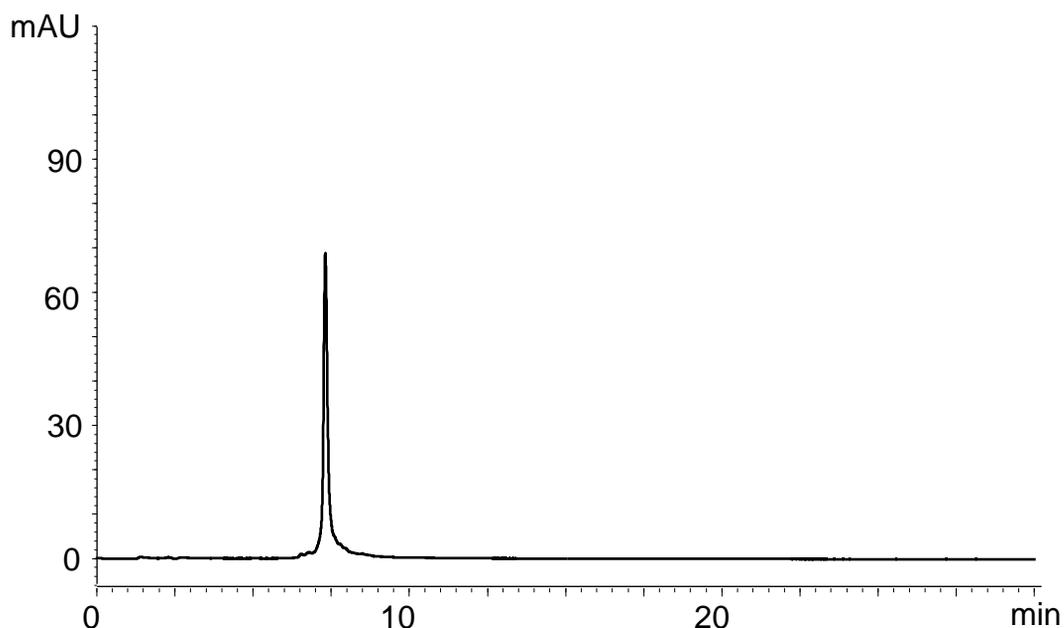
Column	: BioPro IEX QF (5 $\mu$ m) 100 X 4.6 mm I.D.
Eluent	: A) 10 mM NaOH B) 10 mM NaOH containing 1.0 M NaClO <sub>4</sub> 33-38%B (0-10 min)
Flow rate	: 0.5 mL/min
Temperature	: 25°C
Detection	: UV at 260 nm
Injection	: 4 $\mu$ L (5 nmol/mL)

siRNA duplex under non-denaturing condition

P221202D03

siRNA

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



Column : BioPro IEX QF (5  $\mu$ 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 1.0 M NaClO<sub>4</sub>  
25-40%B (0-30 min)

Flow rate : 0.5 mL/min

Temperature : 25°C

Detection : UV at 260 nm

Injection : 4  $\mu$ L (5 nmol/mL)