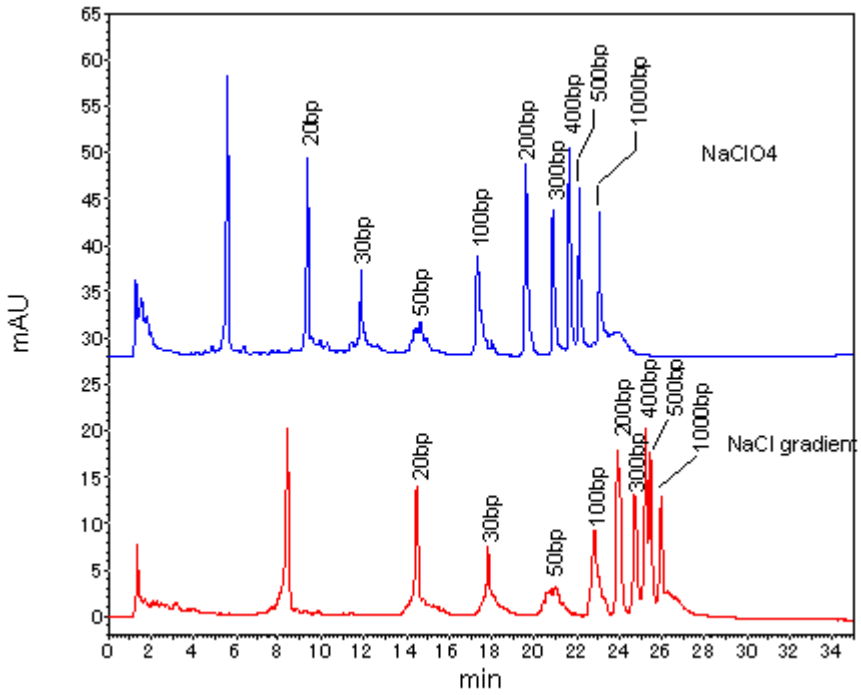
DATA CODE: G00959

Application Title:
Separation of dsRNA by anion-exchange chromatography ~Comparison of NaCl gradient and NaClO4 gradient~

Compound:
dsRNA marker



Chromatographic conditions

Column: TSKgel DNA-STAT , P/N 21962, 5 µm, 4.6 mm ID × 10 cm × 1

Mobile Phase:

NaCl gradient
A; 20 mmol/L Tris-HCl (pH 8.5)
B; 20 mmol/L Tris-HCl + 1 mol/L NaCl (pH 8.5)

time(min)	B(%)
0	40
30	90
35	90
35.1	40
40	40

$NaClO_4$ gradient
A; 20 mmol/L Tris-HCl (pH 8.5)
B; 20 mmol/L Tris-HCl + 0.5 mol/L $NaClO_4$ (pH 8.5)

time(min)	B(%)
0	40
30	80
30.01	100
35	100
35.1	40
40	40

* Tris-HCl pH 8.5 : tris(hydroxy methyl)aminomethane (pH 8.5 with HCl)

Flow Rate: 0.5 mL/min

Chromatographic conditions

Detection:	UV/VIS @ 260 nm
Temperature:	25 °C
Injection Volume:	5 µL
Sample(s):	dsRNA
Sample Load:	25 mg/L
Instrument:	Agilent 1120 Compact LC

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