

CoreFocus
Report
No.76

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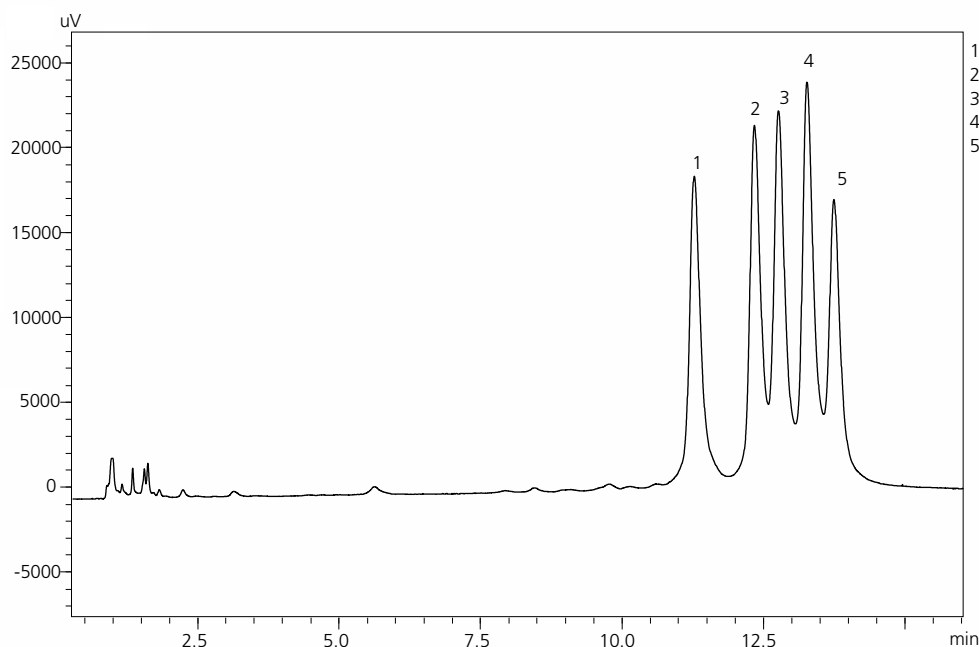
Ion Exchange (IEX)

Shim-pack Series

Shim-pack™ Bio IEX Q-NP

Oligonucleotides analysis by Ion Exchange Chromatography

Keywords: nucleic acid, nucleotide



- 1 : 5'- TCTTGGTTACATGAAA -3'
- 2 : 5'- TCTTGGTTACATGAAAT -3'
- 3 : 5'- TCTTGGTTACATGAAATC -3'
- 4 : 5'- TCTTGGTTACATGAAATCC -3'
- 5 : 5'- TCTTGGTTACATGAAATCCC -3'

System	: Nexera™ XS inert
Column	: Shim-pack™ Bio IEX Q-NP (100 mm x 4.6 mm I.D., 5 μm) , P/N:227-31003-03
Mobile phase A	: 10 mmol/L NaOH
Mobile phase B	: 10 mmol/L NaOH containing 1 mol/L NaClO ₄
Flow rate	: 0.8 mL/min
Time program	: 25 %B(0 min) - 32.5 %B (15 min) - 100 %B(15.01-20 min) - 25 %B(20.01-25 min)
Column temp.	: 30 °C
Injection volume	: 4 μL
Detection	: UV 260 nm (SPD-M40), Standard cell
Vial	: Shimadzu 1.1 mL sample vial, P/N:228-21283-91

Source : Application News an 01-00227 ([JP](#), [ENG](#))

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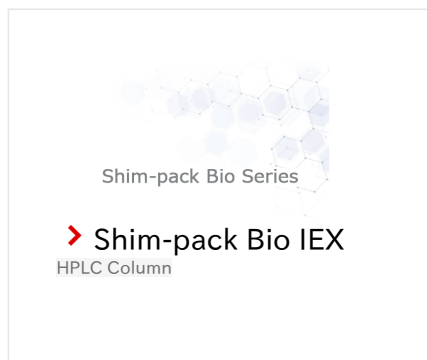
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