**DATA CODE:** T00680

**Application Title:**
Separation of PCR product by ion-exchange chromatography

**Compound:**
Interluekin-1 β DNA PCR product (306bp)

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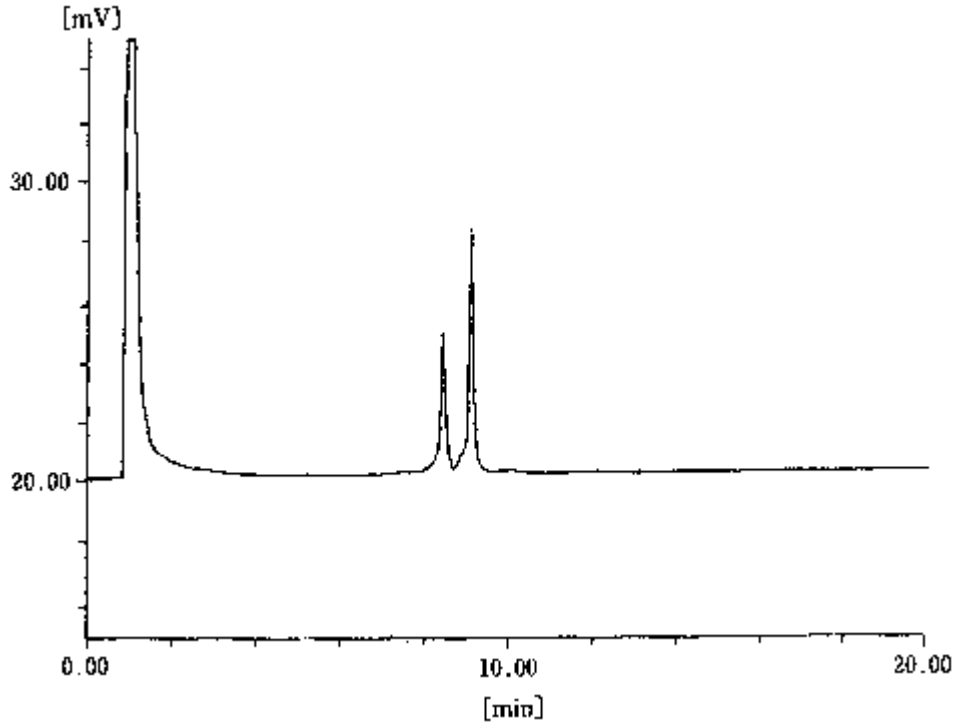


## Chromatographic conditions

| | |
|---|---|
| **Column:** | TSKgel DNA-NPR , P/N 18249, 2.5 µm, 4.6 mm ID × 7.5 cm × 1 |
| **Mobile Phase:** | A: 20 mmol/L Tris-HCl buffer (pH 9.0)<br>B: 1.0 mol/L sodium chloride in 20 mmol/L Tris-HCl buffer (pH 9.0)<br>Linear gradient from 50% B to 75% B for 10 min |
| **Flow Rate:** | 0.5 mL/min |
| **Detection:** | UV/VIS @ 260 nm (micro-cell) |
| **Temperature:** | 25 °C |
| **Sample(s):** | PCR solution |
| **Reference:** | TOSOH Separation Report |
| **Title:** | Separation of DNA fragments by ion-exchange chromatography on TSKgel DNA-NPR |
| **Number:** | 90 |
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## Chromatographic conditions

| | |
|---|---|
| **Comments:** | UV (low dead volume flow cell) |