

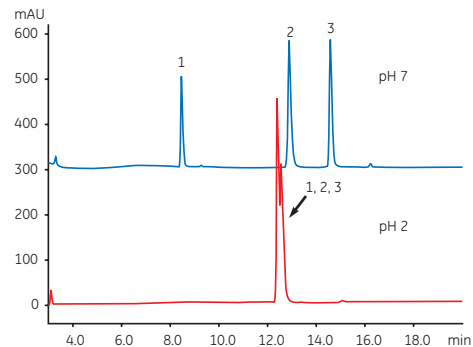
# SOURCE 5RPC ST4.6/150 による分離と各種 pH による分離特性の違い

Column: SOURCE 5RPC ST 4.6/150  
System: ÄKTAexplorer 10XT / UNICORN software  
Sample: 1. Ac-Gly-Gly-Gln-Leu-Leu-amide, pl 3.1,  
2. Angiotensin I, pl 7.45  
3. Neurotensin, pl 9.91

Sample concentration: 0.5 mg/ml  
Sample volume: 10 µl

pH 2  
Eluent A: 5 mM H<sub>3</sub>PO<sub>4</sub>, pH 2  
Eluent B: 5 mM H<sub>3</sub>PO<sub>4</sub>, pH 2 / 50 % Acetonitrile

pH 7  
Eluent A: 10 mM Potassium phosphate, pH 7  
Eluent B: 10 mM Potassium phosphate, pH 7 / 50 % Acetonitrile  
Flow rate: 1 ml/min  
Gradient: 10~100 % B over 75 min (30 CV)  
Detection: 214 nm



Column: SOURCE 5RPC ST 4.6/150  
System: ÄKTAexplorer 10XT / UNICORN software  
Sample: 1. Ile<sup>7</sup> Angiotensin III  
2. Angiotensin III  
3. Beta Endorphin

Sample concentration: 0.5 mg/ml  
Sample volume: 10 µl

pH 7  
Eluent A: 10 mM Potassium phosphate, pH 7  
Eluent B: 10 mM Potassium phosphate, pH 7 / 50 % Acetonitrile

pH 11  
Eluent A: 10 mM Potassium phosphate, pH 11  
Eluent B: 10 mM Potassium phosphate, pH 11 / 50 % Acetonitrile  
Flow rate: 1 ml/min  
Gradient: 10~100 % B over 75 min (30 CV)  
Detection: 214 nm

