

Separation of BSA and 5-FAM

Method	VBS0061J
HPLC	Size exclusion chromatography
Column:	ZetaSep FPLC Desalting Column, 1ml pre-packed column, 0.7 x 2.5 cm
Phase:	ZetaDex-25 Superfine
Conditions:	Eluent: PBS pH 7,4 (+ 0.05% NaN ₃) Gradient: isocratic Flow rate: 1 ml/min Temperature: ambient Volume: each 50 µL
Detection:	UV, 280 nm (blue), 490 nm (red)
Substances:	Protein: 1 mg bovine serum albumin (BSA) dissolved in PBS Dye: 3.75 µg 50 µM 5-Carboxyfluorescein (5-FAM) dissolved in PBS
Keywords:	Protein, dye, size exclusion chromatography, BSA, 5-FAM, desalting

Chromatogram:

1 BSA
2 5-FAM

