

## Protein Calibration Curves on BioSep-SEC-S (2)

**Column:** BioSep™ 5 µm SEC-s3000 290 Å, LC Column 300 x 7.8 mm, Ea

**Dimensions:** 300 x 7.8 mm ID

**Order No:** 00H-2146-K0

**Elution Type:** Isocratic

**Eluent A:** 100mM Sodium Phosphate, 300mM NaCl, pH 7.0

Gradient Profile:	Step No.	Time (min)	Pct A
	1	0	100

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

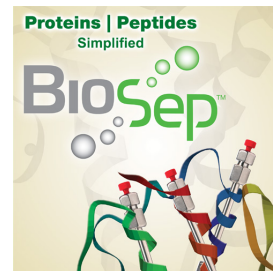
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 280 nm (ambient)

**Detector Info:** 3rd order of polynomial MW calibration curves

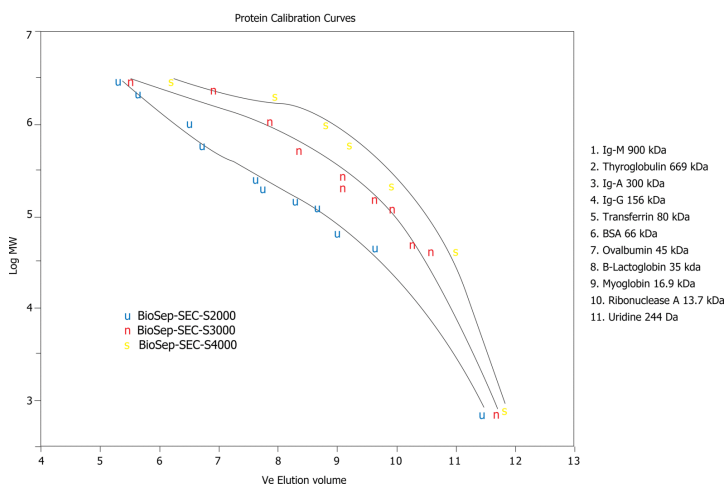
**Analyst Note:** Application Focus: To show the calibration curves for the three different BioSep-SEC phases

For this application, calibration curves are generated for the three different BioSep-SEC phases using standard proteins of defined molecular weights and non-denaturing operating conditions (100 mM phosphate, 300 mM NaCl, pH 7.0, 1 mL/min). For each media (300 x 7.8 mm column) Specific applications used to generate curves were: App ID# 18892 for BioSep2000, App ID# 18928 for BioSep3000 and App ID# 18936 for BioSep4000. While a polynomial was used to generate calibration curves in this example, one could use a linear plot if one removes the data points

18927



Products used in this application:



### ANALYTES:

1 11 Proteins

