

CoreFocus Report

No.559

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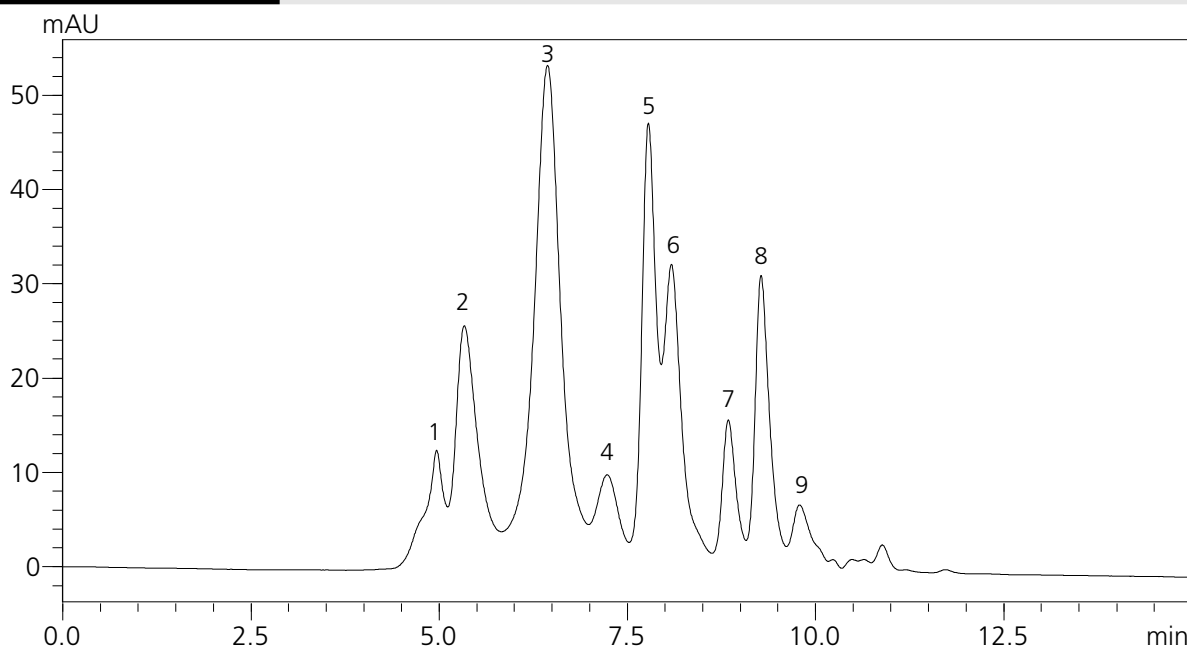
SEC(GPC)

Shim-pack Series

Shim-pack™ Bio Diol-250

Analysis of Protein Standards with Shim-pack Bio Diol-250

Keywords: Size exclusion chromatography (SEC), protein, Cytiva calibration kit



1. Blue Dextran :	M.W.* > 2,000,000	(0.5 mg/mL)	6. Ovalbumin :	M.W. = 43,000	(0.5 mg/mL)
2. Thyroglobulin :	M.W. = 669,000	(0.5 mg/mL)	7. Carbonic anhydrase :	M.W. = 29,000	(0.5 mg/mL)
3. Ferritin :	M.W. = 440,000	(0.5 mg/mL)	8. Ribonuclease A :	M.W. = 13,700	(0.5 mg/mL)
4. Aldolase :	M.W. = 158,000	(0.5 mg/mL)	9. Aprotinin :	M.W. = 6,500	(0.5 mg/mL)
5. Conalbumin :	M.W. = 75,000	(0.5 mg/mL)			

*M.W.: Molecular weight

System	: Nexera™ XR
Column	: Shim-Pack Bio Diol-250 (300 mm L. x 4.6 mm I.D., 3 μm), P/N : 227-31216-01
Mobile phase	: 100 mmol/L Phosphate (Na) buffer (pH 6.8) + 150 mmol/L NaCl
Flow rate	: 0.4 mL/min
Column temp.	: Ambient
Detection	: UV 280 nm
Injection vol.	: 20 μL
Sample	: Cytiva Gel Filtration LMW Calibration Kit Cytiva Gel Filtration HMW Calibration Kit
Vial	: TORAST™-H PP Vial, P/N:370-04052-01

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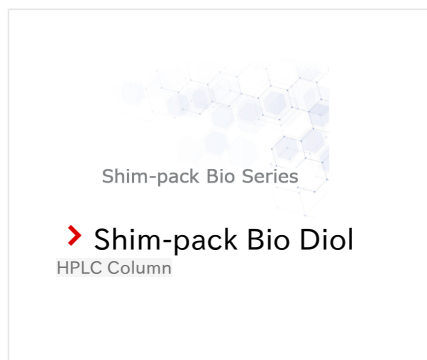
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