



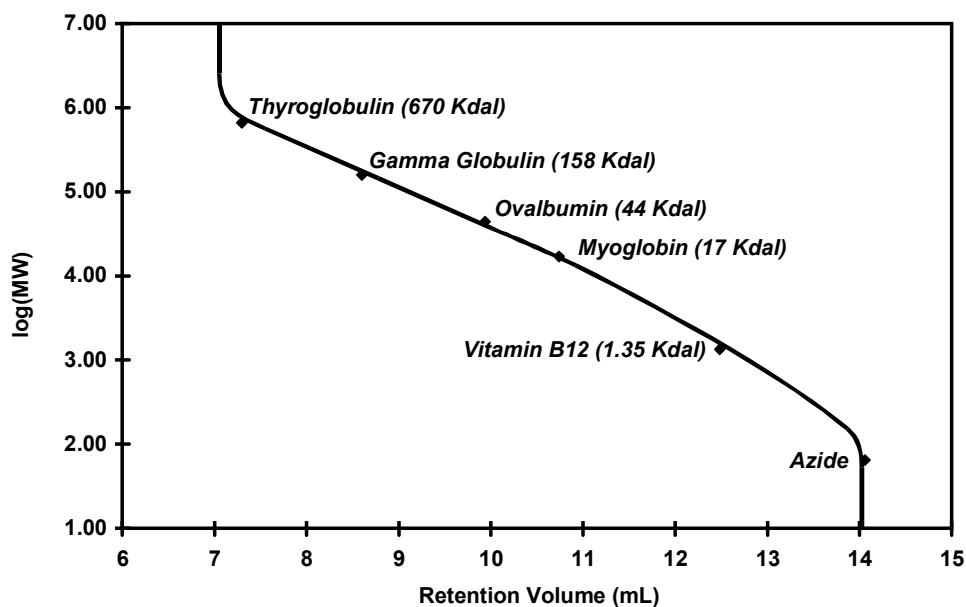
Calibration of a ZORBAX GF-250 Column Using Bio-Rad Gel-Filtration Standards

Application
Biochemical
Robert Ricker

Size-exclusion columns separate molecules on the basis of size (or hydrodynamic volume). They can be calibrated and tested for proper operation through the use of molecular-weight markers. The Bio-Rad gel-filtration markers easily allow calibration in the proper molecular-weight range for a GF-250 or GF-450 column.

Highlights

- These protein standards are separated by size with good linearity.
- The ZORBAX GF-250 achieves better separations of smaller molecules (down to 1 Kdal); while the GF-450 achieves better separation of large molecules (up to 1 mdal).
- The high efficiency and strength of ZORBAX GF-packings provides excellent resolution of these molecular-weight markers.



Conditions:
ZORBAX GF-250 (9.4 x 250 mm) (Agilent P/N: 884973-901)
Mobile Phase: 200mM Sodium Phosphate, pH 7.0
Injection 5µL, 2 mL/min, Ambient, Detect. UV (254 nm)



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