

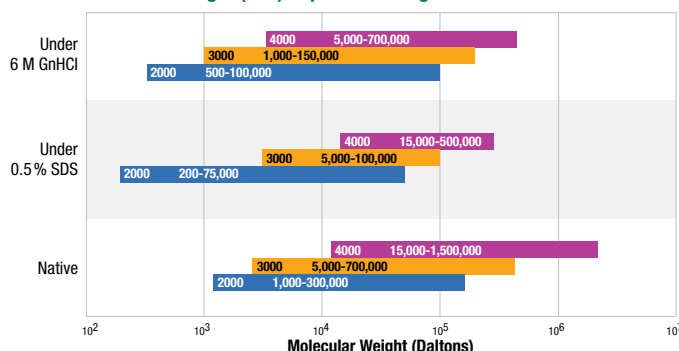
Selecting the Right Yarra Column for Your Application

It is useful to employ the differences in selectivity between Yarra SEC-2000, SEC-3000 and SEC-4000 columns. For molecular weight ranges where overlap occurs, we suggest screening at least two phases to identify the optimal selectivity for your separation.

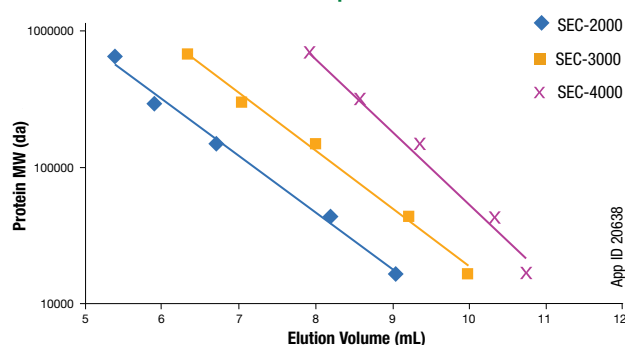
Use the MW chart and/or calibration curves to select the most appropriate phase(s) to evaluate.

If Yarra analytical columns do not provide you with at least an equivalent separation as any other GFC column of similar porosity, type, and dimensions, send in your comparative data within 45 days and keep the column for FREE.

Molecular Weight (MW) Separation Ranges for Yarra



MW Calibration Curves for Protein Separation



Aqueous SEC 1 Column Check Standard

(for Yarra 3 µm SEC and other protein SEC columns)

Part No.: AL0-3042 **Price:**
Unit quantity: Dry; reconstituted to 2 mL
Contains: Bovine thyroglobulin; Human gamma globulin (contains IgA and IgG); Ovalbumin; Myoglobin; Uridine (reconstitute with 1 mL of 100 mM Sodium phosphate pH 6.8)
Diluent: 100 mM Sodium phosphate pH 6.8
Storage: Add 0.1 % NaN₃ to the solution and refrigerate

Test Conditions

Mobile phase: 100 mM Sodium phosphate, pH 6.8
Flow rate: 1.0 mL/min for a 300 x 7.8 mm column
Injection volume: 10 µL
Detection: UV @ 280 nm

Ordering Information

Yarra 3 µm SEC Columns (mm)	Narrow Bore	Analytical	Analytical	SecurityGuard™ Cartridges (mm)
Phases	300 x 4.6	150 x 7.8	300 x 7.8	4 x 3.0*
Yarra 3 µm SEC-2000	00H-4512-E0	00F-4512-K0	00H-4512-K0	AJ0-4487
Yarra 3 µm SEC-3000	00H-4513-E0	00F-4513-K0	00H-4513-K0	AJ0-4488
Yarra 3 µm SEC-4000	00H-4514-E0	—	00H-4514-K0	AJ0-4489

*SecurityGuard™ Analytical Cartridges require holder, Part No.: KJ0-4282

for ID: 4.6 - 7.8 mm



For information on SecurityGuard column protection, see p. 251