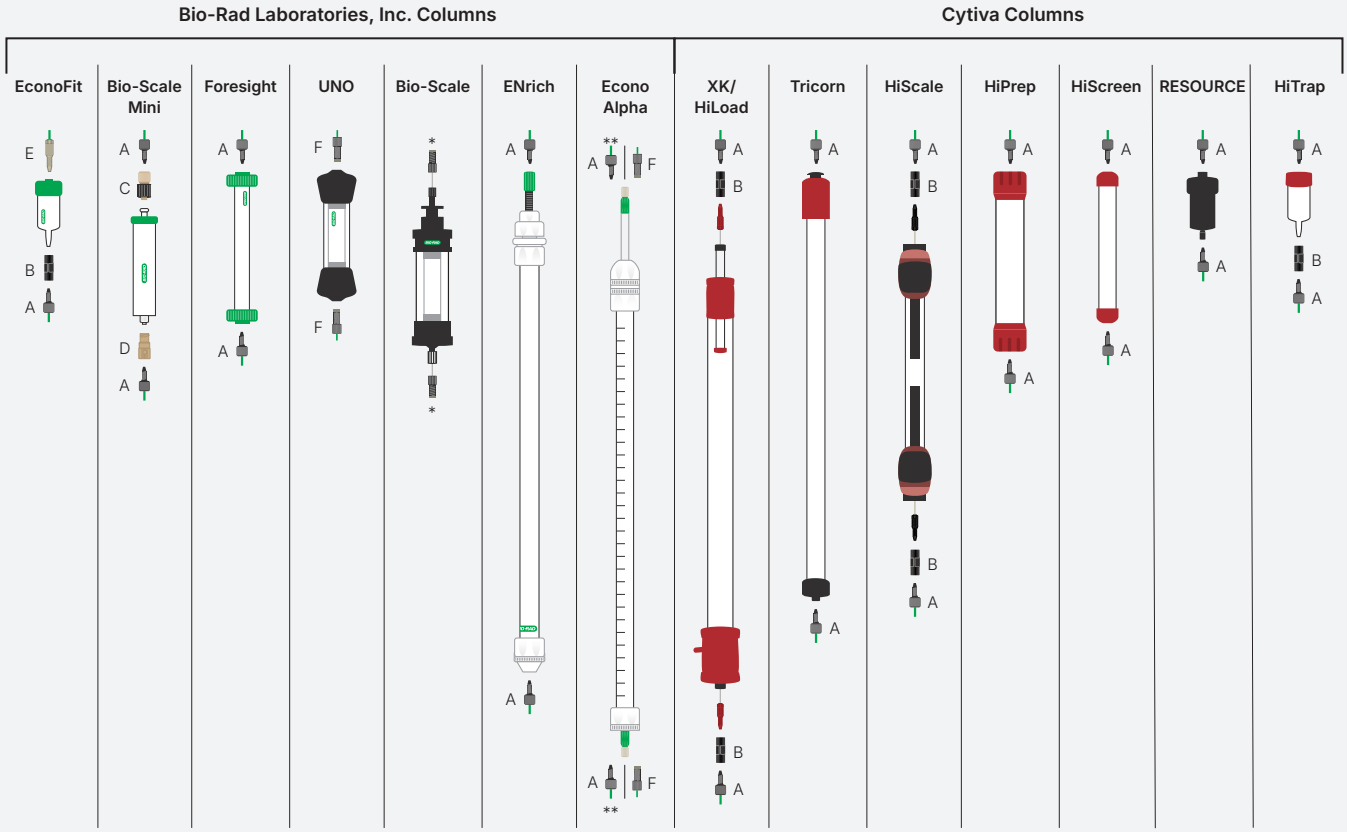
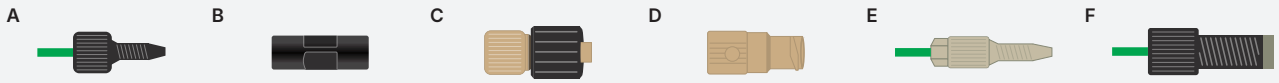
# Connectors for Using Bio-Rad and Cytiva Columns on NGC Chromatography Systems

## Quick Guide

### Columns and Recommended Connectors




### Recommended Bio-Rad Connectors



**A**

**10–32 PEEK 1/16"** (catalog #7800008)

Provided with NGC Systems and Column Switching Valves*

**B**

**10–32 PEEK Union** (#7885007)

Included in NGC Fittings Kit (#7884017)

**C**

**Quick Connect Luer M to 10–32 F** (#7885010)

Included in NGC Fittings Kit (#7884017)

**D**

**Slip Luer F to 10–32 F** (#7885010)

Included in NGC Fittings Kit (#7884017)

**E**

**10–32 Narrow Fingertight 1/16"**

Provided with EconoFit Columns

**F**

**1/4–28 Nut 1/16" and Ferrule 1/16"** (#7885025, 7500556)

Included in NGC Fittings Kit (#7884017)

* Tefzel tubing with 1/4-28 fittings and ferrules provided with Bio-Scale Columns.

** Econo Alpha Columns include a 1/4–28 M to 10–32 F adaptor.

# Bio-Rad and Cytiva Lab-Scale Chromatography Column Cross-Reference Guide

| Technique | Bio-Rad Columns | Comparable Cytiva Columns | Available Bio-Rad Column Formats |
|---|---|---|---|
| Affinity | EconoFit Nuvia IMAC, Ni-Charged | HisTrap FF, HisTrap HP | 1 x 1 mL (#12009288), 5 x 1 mL (#12009285), 1 x 5 mL (#12009286), 5 x 5 mL (#12009287) |
| | EconoFit Nuvia IMAC, Uncharged | HiTrap IMAC FF, HiTrap IMAC HP | 1 x 1 mL (#12009289) |
| | EconoFit Profinity IMAC, Ni-Charged | Capto Chelating* | 5 x 1 mL (#12009298), 1 x 5 mL (#12009299), 5 x 5 mL (#12009300) |
| | EconoFit UNOsphere SUPrA | HiTrap MabSelect | 1 x 1 mL (#12009321), 5 x 1 mL (#12009322), 1 x 5 mL (#12009323) |
| | EconoFit Profinity GST** | GSTrap FF, GSTrap HP | 5 x 1 mL (#12009295), 1 x 5 mL (#12009296), 5 x 5 mL (#12009297) |
| | EconoFit Affi-Gel Blue | HiTrap Blue HP | 1 x 5 mL (#12009234), 5 x 5 mL (#12009235) |
| Ion Exchange | ENrich Q | Capto HiRes Q | 1 x 1 mL (#7800001), 1 x 8 mL (#7800003) |
| | ENrich S | Capto HiRes S | 1 x 1 mL (#7800021), 1 x 8 mL (#7800023) |
| | EconoFit UNOsphere Q | HiTrap Q FF | 1 x 1 mL (#12009307), 5 x 1 mL (#12009301), 1 x 5 mL (#12009302), 5 x 5 mL (#12009303) |
| | EconoFit Macro-Prep High Q | HiTrap Q FF, HiTrap Q HP | 1 x 1 mL (#12009275), 5 x 1 mL (#12009267), 1 x 5 mL (#12009268), 5 x 5 mL (#12009269) |
| | EconoFit UNOsphere S | HiTrap SP FF | 1 x 1 mL (#12009308), 5 x 1 mL (#12009304), 1 x 5 mL (#12009305), 5 x 5 mL (#12009306) |
| | EconoFit Macro-Prep High S | HiTrap SP FF, HiTrap SP HP | 1 x 1 mL (#12009276), 5 x 1 mL (#12009270), 1 x 5 mL (#12009271), 5 x 5 mL (#12009272) |
| | EconoFit Macro-Prep DEAE | HiTrap DEAE Sepharose FF | 1 x 1 mL (#12009274), 5 x 1 mL (#12009264), 1 x 5 mL (#12009265), 5 x 5 mL (#12009266) |
| | EconoFit Macro-Prep CM | HiTrap CM FF | 1 x 1 mL (#12009273) |
| | EconoFit Nuvia Q | HiTrap Q XL, HiTrap Capto Q | 1 x 1 mL (#12009290) |
| | EconoFit Nuvia S | HiTrap SP XL, HiTrap Capto S | 1 x 1 mL (#12009291) |
| | EconoFit Nuvia HP-Q | HiTrap Capto Q ImpRes | 1 x 1 mL (#12009282) |
| | EconoFit Nuvia HR-S | HiTrap Capto SP ImpRes | 1 x 1 mL (#12009284) |
| Mixed Mode | EconoFit CHT Type I*** | HiTrap Capto adhere, HiTrap Capto adhere ImpRes | 1 x 5 mL (#12009253), 5 x 5 mL (#12009254), 1 x 1 mL (#12009255) |
| | EconoFit CHT XT*** | HiTrap Capto adhere, HiTrap Capto adhere ImpRes | 1 x 1 mL (#12009261) |
| Hydrophobic Interaction | EconoFit Macro-Prep t-Butyl | HiTrap Butyl FF, HiTrap Butyl HP | 1 x 1 mL (#12009278) |
| Size Exclusion/ Desalting | ENrich SEC 650 | Superdex 200 Increase GL | 1 x 24 mL (#7801650) |
| | ENrich SEC 70 | Superdex 75 Increase GL | 1 x 24 mL (#7801070) |
| | EconoFit Bio-Gel P-6 Desalting | HiTrap Desalting | 1 x 5 mL (#12009238), 5 x 5 mL (#12009239) |
| | Bio-Scale Mini Bio-Gel P-6 Desalting | HiPrep 26/10 Desalting | 1 x 10 mL (#7325304), 1 x 50 mL (#7325312), 5 x 50 mL (#7325314) |
| | Econo-Pac 10DG Desalting | PD-10 Desalting | 30 x 10 mL (#7322010) |

* Not available in column format.

** Consider also EconoFit Profinity eXact Columns, which enable tag-free protein purifications.

*** CHT Ceramic Hydroxyapatite Media and Capto adhere/adhere ImpRes Media are chemically distinct but exhibit superior performance for monoclonal antibody purification workflows (see bulletin 6749). CHT Media offer unique selectivities and often separate biomolecules that other chromatography supports are unable to differentiate.

Visit **bio-rad.com/Columns** to view our full offering of Chromatography Columns.

Visit **bio-rad.com/EconoFit** to view our full selection of EconoFit Prepacked Columns.

Visit **bio-rad.com/NGC** for more information on our NGC Chromatography Systems.

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