

# FPLC 30ML COLUMN

Cat. # P9055-1, P9055-3

**Introduction:** This column has standard connections compatible with common fast performance liquid chromatography instruments, including AKTA. The package contains 1 column with top and end caps. The column is made of polypropylene with a total volume of 30 mL and each column contains three polyethylene frits with a nominal pore size of 20  $\mu\text{m}$ . The extra frit is for future column packing use.

The male and female FPLC connector set (Product Catalog P9060) can be used to connect the column to most FPLC instruments. Sold separately if you do not have them.

**Size:** P9055-1 (1 column); P9055-3 (3 columns)

**Column Material:** Polypropylene

**Frit Material:** Polyethylene

**Frit pore size:** 20  $\mu\text{m}$

**Chemical stability:** Stable in all commonly used reagents

**Capacity:** 30 mL

**Caps:** Two caps

**Storage Temperature:** Room temperature

## Column Packing

### Instruction:

- 1) Unscrew the top cap, remove the two frits on the top.
- 2) Push the bottom frit firmly to the bottom of the column (for example, using the top side of a serological pipet), remove the bottom cap plug and add 5 mL distilled water to wet the frit. Collect water into a beaker. Reapply the bottom cap plug.
- 3) Slowly add resin slurry to the the top of the column, wait for 10 minutes to let resin settle down, and then remove the bottom cap plug to drain. Repeat these steps until resin reaches to the top of the column.
- 4) Wet a frit using distilled water, insert the frit on tope of the resin. Screw the top cap tightly. Make sure no air trapped in the column during resin packing.
- 5) Remove plugs at both ends of the column, connect the column to adaptor connectors of FPLC for use.

