

PreDicator RoboColumn SP Sepharose FF

From 377.82 USD

Product Information

Cat#No# Pr-452C

Product Overview

These PreDicator RoboColumn minicolumns are prepacked with SP Sepharose Fast Flow, a well-established strong cation exchange chromatography resin for fast protein purification.

Description

PreDicator RoboColumn units are available for several chromatographic techniques such as ion exchange chromatography (IEX), affinity chromatography (AC), multimodal chromatography (MM), and hydrophobic interaction chromatography (HIC). PreDicator RoboColumn units are part of the toolbox for high-throughput process development (HTPD). These miniaturized columns support HTPD by using a robotic liquid handling workstation, for fully automated and parallel chromatographic separations. Perform HTPD work using PreDicator RoboColumn units alone or as a complement to PreDicator 96-well filter plates.

Characteristic

Supports high-throughput process development (HTPD) by allowing parallel screening of chromatographic conditions using a miniaturized column format and robotic workstation.

Facilitates screening of a wide range of parameters with small sample consumption.

Prepacked with a range of our BioProcess chromatography resins.

Automation and parallel screening reduce experimental time and minimize hands-on time.

High-throughput workflow allows investigation of enlarged experimental workspace for better process understanding.

Maximum operating pressure

Up to 8.0 bar

Recommended flow rate

16 to 1000 cm/h

Recommended column height

10.0 mm

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Chemical stability

Commonly used aqueous buffers, pH 1 to 14, organic solvents.

Temperature stability

4°C to 30°C

Storage

2°C to 8°C; 20% ethanol.

Column volume

200 µL
