

PreDictor RoboColumn Capto Chelating

Product Information

Cat#No# Pr-115P

Product Overview

These PreDictor RoboColumn minicolumns are prepacked with Capto Chelating, an immobilized metal ion affinity chromatography (IMAC) resin.

Description

PreDictor RoboColumn units are prepacked, miniaturized columns that support HTPD using a robotic liquid handling workstation for fully automated and parallel chromatographic separations. Perform HTPD work using PreDictor RoboColumn units, alone or as a complement to PreDictor 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 200 or 600 μ L of chromatography resin.

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

39 mm

Chemical stability

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

Temperature stability



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4°C to 30°C

Storage

2°C to 8°C

Pack size

200 µL

Dimensions

128.3 × 14.0 × 86.0 mm (w × h × d)

Column i.d.

5 mm

Number of wells

96

Material

Polypropylene