

PreDicator Capto L

Product Information

Cat#No# Capto L-027P

Product Overview

PreDicator Capto L 96-well plates are prefilled with Capto L, a BioProcess affinity chromatography resin for capture of antibodies and antibody fragments such as Fab fragments, scFv, and Dabs.

Description

PreDicator plates are disposable, 96-well filter plates for parallel screening of resins and chromatographic conditions such as binding, wash, and elution conditions. Screen different chromatography resins simultaneously using dedicated screening plates, or more thoroughly using plates containing a single resin. Different applications require different amounts of resins in the wells, and we offer a wide range of PreDicator plates containing different chromatography resins at different volumes. Data generated using PreDicator plates show good correlation with data from chromatography columns, making the plates an excellent tool for initial screening of process conditions.

Characteristic

Supports high-throughput process development (HTPD) by allowing parallel screening of chromatographic conditions using a 96-well plate format.

Allows fast and efficient evaluation of parameters for binding/wash/elution conditions, and resin benchmarking.

Results show good correlation with data obtained by column chromatography.

Each well is prefilled with 6, 20, or 50 μ L of chromatography resins.

Can be used with centrifugation or vacuum, manually or in automated robotic systems.

Assist software supports the PreDicator workflow from set-up of experimental design to data evaluation.

Applications

Centrifugation ; Vacuum

Matrix

Capto

Ligand

PreDicator Capto L

Protein L

Temperature stability

4°C to 30°C

Storage

4 to 30°C, 20% Ethanol

Pack size

6 µl

Dimensions

127.8 x 85.5 x 30.6 mm

Column volume

800 µL

Number of wells

96

Material

Polypropylene (PP) and Polyethylene (PE)

Resin suspensions in total volumes

200 µl for 2 µl sedimented resin/well 500 µl for 6, 20, and 50 µl sedimented resin/well For PreDicator isotherm plates: – 500 µl for 50 µl sedimented resin/well – 200 µl for 20 µl sedimented resin/well – 500 µl for 8 µl sedimented resin/well – 375 µl for 6 µl sedimented resin/well – 250 µl for 4 µl sedimented resin/well – 125 µl for 2 µl sedimented resin/well.

Centrifugation force recommended

100 x g-500 x g (Sample Dependent)

Centrifugation force max.

700 x g

PreDicator Capto L

Operating temp. max.

30°C

Operating temp. min.

4°C

Scale

Process development ; Process

Format

Prepacked 96-well plate

Chromatography Resin Volume/Well

6 µl