

PreDicator KappaSelect

Product Information

Cat#No# KS-028P

Product Overview

PreDicator plates are disposable 96-well filter plates prefilled with BioProcess chromatography resins. PreDicator plates support highthroughput process development (HTPD) by allowing parallel screening of chromatographic conditions. They can be used in automated workflows using robotic systems, or can be operated manually using multi-channel pipettes. Each well in a PreDicator plate is prefilled with a defined amount of chromatography resin.

Characteristic

Support high-throughput process development (HTPD) by allowing parallel screening of chromatographic conditions.

Allow fast and efficient evaluation of parameters for binding/wash/elution conditions, and resin benchmarking. Each is pre-filled with defined amounts of BioProcess chromatography resin. PreDicator 96-well filter plates can be used with centrifugation or vacuum, manually or in automated robotic systems.

Reduced experimental time: the time-scale for performing screening experiments can be reduced from weeks to hours.

Low sample consumption: new format significantly reduces sample consumption.

Increased process understanding: the enlarged experimental space allows for a significant increase in process understanding.

Applications

Centrifugation ; Vacuum

Matrix

Highly cross-linked, high-flow agarose

Ligand

Recombinant protein

Storage

PreDicator KappaSelect

4 to 8°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 (Sample Dependent)-500 x g (Sample Dependent)

Centrifugation force max.

700 x g

Operating temp. max.

30°C

Operating temp. min.

4°C



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Scale

Process development ; Process

Format

Prepacked 96-well plate

Chromatography Resin Volume/Well

6 μ l
