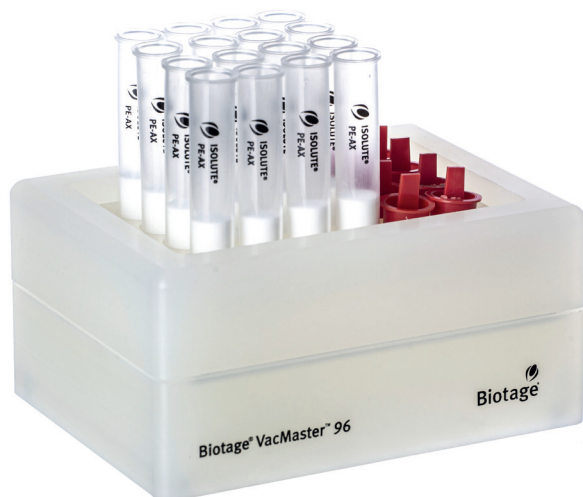


ISOLUTE® Array-24

Sample Processing System



The introduction of parallel synthesis in pharmaceutical R&D has resulted in the need for purification systems that allow for increased throughput. With reactions being carried out in a microplate footprint, it is important that the reaction workup can also be performed in this way. When using the 96-well format, there are limitations on both the reaction scale and also the sorbent capacity for the purification step. Using a 24-well system allows for greater sorbent masses to be utilized, increasing the scale of purification.

Increased Work-up Throughput Following Parallel Synthesis

- » Enables parallel processing of up to 24 tabless 6 mL ISOLUTE® ion exchange, clean up, phase separator, phase exchange or filtration columns.
- » Compatible with Biotage® VacMaster™-96 Sample Processing Manifold and standard deep 24-well collection plates.
- » Solvent-resistant polypropylene construction.
- » Compatible with high throughput liquid handling systems.

ISOLUTE® Array-24

The ISOLUTE Array-24 System offers increased purification capacity in a microplate format. The ISOLUTE Array-24 base plate accommodates up to 24 tabless 6 mL ISOLUTE SPE columns for either scavenging or catch and release applications. All silica based sorbents are available in 500 mg and 1 g/6 mL tabless columns. Unused column positions on the base plate can be isolated with re-usable caps prior to sample processing. The ISOLUTE Array-24 base plate is processed on the VacMaster-96 Sample Processing Station and allows direct elution into a 24-well collection plate.

Purification Options

ISOLUTE SCX-2 can be used for the isolation of basic compounds and impurities using a strong cation exchange retention mechanism. For further information, please request Chemistry Data Sheet TN121. For the selective isolation of secondary from tertiary amines, please request Chemistry Data Sheet, TN128. ISOLUTE PE-AX can be used for the isolation of acidic compounds and impurities using a strong anion exchange retention mechanism. For further information, please request Chemistry Data Sheet, TN123.

Additional reaction workup techniques can also be carried out using the ISOLUTE Array-24 System. These include plug chromatography (using ISOLUTE AL-N, FL or Flash SI), phase separation for the isolation of chlorinated from aqueous phases, supported liquid extraction for phase exchange and removal of water soluble impurities using ISOLUTE HM-N, and filtration applications.



Ordering Information

Part Number	Description	Quantity
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ISOLUTE® Array-24

121-9650	ISOLUTE® Array-24 Base Plate	1
121-9660	ISOLUTE® Array-24 Sealing Caps	50

VacMaster®-96 Sample Processing Manifold

121-9600	Biotage® VacMaster™-96 Manifold Only ¹	1
121-9601	Biotage® VacMaster™-96 Vacuum Control Unit ²	1
121-9602	Biotage® VacMaster™-96 Vacuum Control Unit with integral vacuum source ³	1

¹ Option does not include a vacuum control unit, supplied for use with automated liquid handling systems with in-built vacuum source.

² Option for use in laboratories with a vacuum source.

³ Option for use in laboratories with a compressed air source.

ISOLUTE® Ion Exchange Columns (Tablets)

532-0050-CG	ISOLUTE® SCX-2 500 mg/6 mL (Tablet)	30
532-0100-CG	ISOLUTE® SCX-2 1 g/6 mL (Tablet)	30
503-0050-CG	ISOLUTE® PE-AX 500 mg/6 mL (Tablet)	30
503-0100-CG	ISOLUTE® PE-AX 1 g/6 mL (Tablet)	30
988-0050-CG	ISOLUTE® PE-AX/SCX-2 500 mg/6 mL (Tablet)	30
988-0100-CG	ISOLUTE® PE-AX/SCX-2 1 g/6 mL (Tablet)	30

Part Number	Description	Quantity
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ISOLUTE® Clean Up Columns (Tablets)

714-0050-CG	ISOLUTE® AL-N 500 mg/6 mL (Tablet)	30
714-0100-CG	ISOLUTE® AL-N 1 g/6 mL (Tablet)	30
712-0050-CG	ISOLUTE® FL 500 mg/6 mL (Tablet)	30
712-0100-CG	ISOLUTE® FL 1 g/6 mL (Tablet)	30
712-0200-CG	ISOLUTE® FL 2 g/6 mL (Tablet)	30
440-0050-CG	ISOLUTE® Si II 500 mg/6 mL (Tablet)	30
440-0100-CG	ISOLUTE® Si II 1 g/6 mL (Tablet)	30
440-0200-CG	ISOLUTE® Si II 2 g/6 mL (Tablet)	30

ISOLUTE® HM-N Phase Exchange Columns (Tablets)*

800-0100-CMG	ISOLUTE® HM-N 1 mL sample (Tablet)	100
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*should be processed using gravity only.

ISOLUTE® Filtration Columns (Tablets)

120-1113-CG	SG single fritted reservoir, 6 mL - 20µm PE (Tablet)	100
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ISOLUTE® Phase Separator Columns (Tablets)*

120-1905-CG	ISOLUTE® Phase Separator 6 mL (Tablet)	100
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* should be processed using gravity only.

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