

Designed for the lab. Scalable for manufacturing.

The benefits of the 3M™ Harvest RC Chromatographic Clarifier portfolio at lab scale

Increased cell densities. Consistency from lab-scale to manufacturing. To help meet these growing demands, the bioprocessing industry needs more efficient harvest and clarification technologies than traditional centrifugation and depth filtration. At research scale, speed and efficiency are vital. So is compatibility with robotics and scalability for downstream manufacturing.

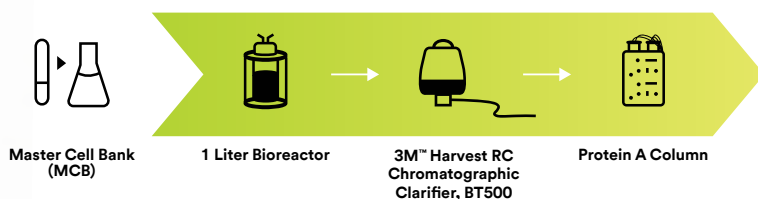
That's why 3M has developed lab-scale solutions as part of our revolutionary single-stage chromatographic clarification portfolio. Designed to save time and steps by eliminating centrifugation, it is a revolutionary way to speed up process development of mAb, recombinant proteins and biologics.

Meet the 3M™ Harvest RC Chromatographic Clarifier, BT500

Enables you to do
your job in less
time with less
complexity.



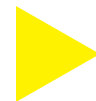
The 3M™ Harvest RC Chromatographic Clarifier, BT500 helps you test quickly before moving on to the scalable solutions in the full Harvest RC portfolio.



What could the BT500 lab-scale solution do for you?

- ▶ Fast processing time (< 10 min.)*
- ▶ High purity by utilizing chromatographic clarification by reducing impurities load on downstream steps
- ▶ High product recoveries through simpler workflow (> 85%)
- ▶ Robust performance across multiple molecules/platforms
- ▶ Easy to use single step clarification fully eliminating centrifugation
- ▶ Consistent clarified stream quality
- ▶ DNA reduction (<500ppb)*

See how your lab can benefit by integrating both speed and scalability into your process from the start.



Ordering Guide



Product Name	BT500	WP6	CT15	BC4	BC25 Luer	BC25 Sanitary
Model Name	EMP051HRC2FA	EMP006HRC2FA	EMP015HRC2FA	EMP201HRC2FA	EMP301HRC2FA	EMP303HRC2FA
Media Surface Area	72 cm ²	2.3 cm ² per well	2.3 cm ²	3.2 cm ²	25 cm ²	25 cm ²
Cell Culture Volume Range (5-8% PCV) ¹	500 mL	15 mL per well	15 mL	20 - 32 mL	150 - 250 mL	150 - 250 mL
Fill Volume ²	500 mL	15 mL per well	15 mL	5.6 mL	27.6 mL	28.2 mL
Hold up Volume Post Blow Down ³	N/A	N/A	N/A	3.0 mL	12.0 mL	12.3 mL
Inlet/Outlet Connections	N/A	N/A	N/A	Luer-Lok	Luer-Lok	Sanitary



Refer to the 3M™ Harvest RC Chromatographic Clarifier Product Information Sheet for more information about the full 3M™ Harvest RC Chromatographic Clarifier portfolio.

For more information about the 3M™ Harvest RC Chromatographic Clarifier, contact your local sales or application engineering representative by calling 1-800-243-6894, option 4, or visiting us at [3M.com/bioprocessing](https://www.3m.com/bioprocessing)

Intended Use: 3M™ Harvest RC products are intended for use in biopharmaceutical processing applications of aqueous based pharmaceuticals (drugs) and vaccines in accordance with the product instructions and specifications, and cGMP requirements (for BC340, BC1020, BC2300 and BC16000) or GLP requirements (for CT15, WP6, BT500, BC4 and BC25), where applicable.

Since there are many factors that can affect a product's use, the customer and user remain responsible for determining whether the 3M product is suitable and appropriate for the user's specific application, including user conducting an appropriate risk assessment and evaluating the 3M product in user's application.

Product Selection and Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including completing a risk assessment that considers the product leachable characteristics and its impact on drug safety, conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Restrictions on Use: For CT15, WP6, BT500, BC4 and BC25: For laboratory use only. Not intended for use with materials that will be used on humans or animals. For all sizes: 3M advises against the use of these 3M products in any application other than the stated intended use(s), since other applications have not been evaluated by 3M and may result in an unsafe or unintended condition. Do not use in any manner whereby the 3M product, or any leachable from the 3M product, may become part of or remains in a medical device that is regulated by any agency, and/or globally exemplary agencies, including but not limited to: a) FDA, b) European Medical Device Regulation (MDR), c) Japan Pharmaceuticals and Medical Devices Agency (PMDA) or in applications involving permanent implantation into the body; Life-sustaining medical applications; Applications requiring food contact compliance.

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