

YMC-BioPro Ion Exchange Screening Kit

YMC-BioPro Ion Exchange Screening Kit is a kit of screening columns that are packed with YMC-BioPro ion exchange resins designed for separation of Proteins, Nucleotides and other biomolecules. Various types of kit offer significant advantage and efficiency in resin screening and purification method development.

Features

- Available in four chemistries: Strong ion exchangers (Q/S) and weak ion exchangers (DA/CM)
- Two column types (1 mL and 5 mL) that are ideal for resin screening, development of purification method and loadability study
- Ion Exchange Selection Kit that consists of four different chemistries for fast and easy resin screening
- Easy installation and convenient use



Column Size

1 mL Type (26 X 7.0 mm I.D.)



- Resin screening
- Purification method development

5 mL Type (26 X 15.6 mm I.D.)



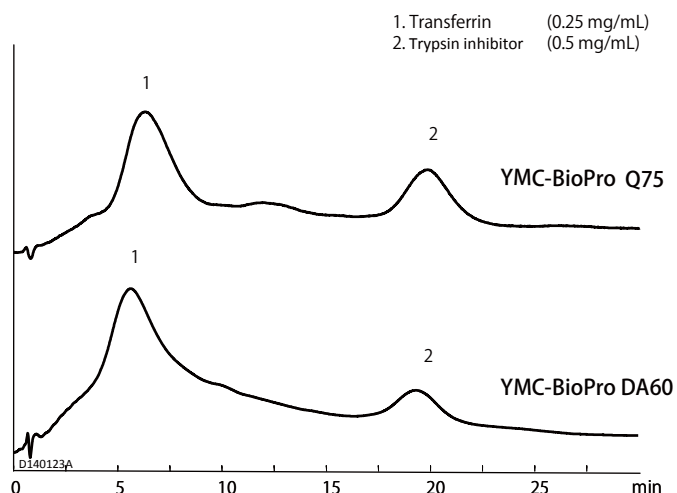
- Purification method development
- Loadability study
- Lab-scale purification

Resin Lineup

	Strong Anion Exchanger YMC-BioPro Q	Strong Cation Exchanger YMC-BioPro S	Weak Anion Exchanger NEW! YMC-BioPro DA	Weak Cation Exchanger NEW! YMC-BioPro CM
Matrix	Hydrophilic porous polymer			
Particle size (μm)	30, 75	30, 75	60	60
Ion exchanger	-CH ₂ N ⁺ (CH ₃) ₃	-CH ₂ CH ₂ CH ₂ CH ₂ SO ₃ ⁻	-R-N(CH ₃) ₂	-R-COOH
pH range	2~12	2~12	Regular use : 3~12 Short term : 1~13	Regular use : 3~12 Short term : 1~13

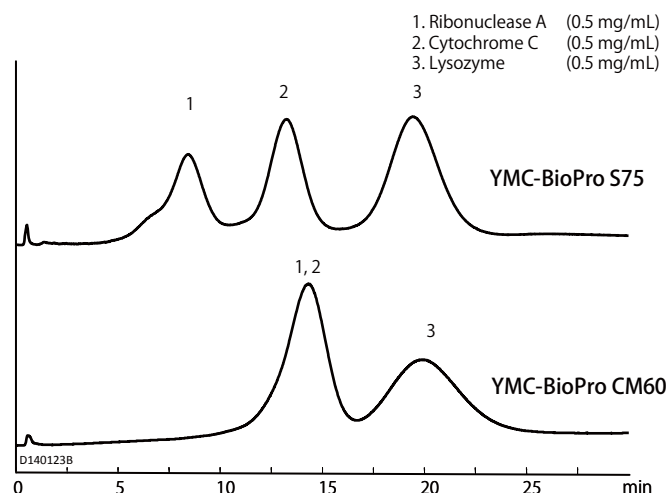
Application

Screening with anion exchange media



Column : 1 mL type (26 X 7.0 mm I.D.)
Eluent : A) 20 mM Tris-HCl (pH 8.1)
B) 20 mM Tris-HCl (pH 8.1) containing 0.5M NaCl
10-80%B (0-30 min)
Flow rate : 1.16 mL/min
Temperature : 25°C
Detection : UV at 220 nm
Injection : 20 µL

Screening with cation exchange media



Column : 1 mL type (26 X 7.0 mm I.D.)
Eluent : A) 20 mM NaH₂PO₄-Na₂HPO₄ (pH 6.8)
B) 20 mM NaH₂PO₄-Na₂HPO₄ (pH 6.8) containing 0.5M NaCl
0-100%B (0-30 min)
Flow rate : 1.16 mL/min
Temperature : 25°C
Detection : UV at 220 nm
Injection : 20 µL

Ordering Information

YMC-BioPro Ion Exchange Screening Kit

Product name	Particle size	Specification	Column volume	Product number
Ion Exchange Selection Kit (YMC-BioPro Q75/S75/DA60/CM60)	75 µm / 60 µm	1 each X 4 types	1 mL	BPIESKS99-01PK
YMC-BioPro Q75	75 µm	5 / pack	1 mL	BPQAA0S75-01PK
		5 / pack	5 mL	BPQAA0S75-05PK
YMC-BioPro Q30	30 µm	5 / pack	1 mL	BPQAA0S30-01PK
		5 / pack	5 mL	BPQAA0S30-05PK
YMC-BioPro S75	75 µm	5 / pack	1 mL	BPSPA0S75-01PK
		5 / pack	5 mL	BPSPA0S75-05PK
YMC-BioPro S30	30 µm	5 / pack	1 mL	BPSPA0S30-01PK
		5 / pack	5 mL	BPSPA0S30-05PK
YMC-BioPro DA60	60 µm	5 / pack	1 mL	BPDAM99S60-01PK
		5 / pack	5 mL	BPDAM99S60-05PK
YMC-BioPro CM60	60 µm	5 / pack	1 mL	BPCMM99S60-01PK
		5 / pack	5 mL	BPCMM99S60-05PK

※Please inquire us for a product other than listed above.

Worldwide Availability

YMC America, Inc.
www.ymcamerica.com

YMC Europe GmbH
www.ymc-europe.com

YMC India Pvt.Ltd.
www.ymcindia.com

YMC Korea Co., Ltd.
www.ymckorea.com

YMC Shanghai Rep. Office
www.ymcchina.com

YMC Singapore Tradelinks Pte. Ltd.
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