

[Cat. No.] **KA-3001**

Introduction

ExiProgen™ Consumable SET is a disposable kit used by connecting a MagListo™ kit to the ExiProgen™ instrument for automated protein purification. Once the MagListo™ kit is used together with ExiProgen™ and activated, 1 to 16 samples can be simultaneously purified while in the case of human IgG, a maximum of 600 µg can be obtained within an hour.

A. Programmed protocol number in ExiProgen™

| Protocol number | Connected MagListo™ kit |
|-----------------|-------------------------|
| No. 341 | MagListo™ Protein G Kit |
| No. 342 | MagListo™ Protein A Kit |
| No. 343 | MagListo™ Protein L Kit |

Components

| Components | Amount |
|-----------------------|---------------------|
| 96-well plate | Cartridge ① and ② |
| Disposable filter tip | 2 packs (8 ea/pack) |
| Elution tube/cap | 2 packs (8 ea/pack) |
| Protection cover | 1 ea |

* **Note:** For research use only. Not for use in diagnostic or therapeutic procedures.

Storage

Store at room temperature.

Online Resources



Korean



English

Visit our **product page** for additional information and protocols.

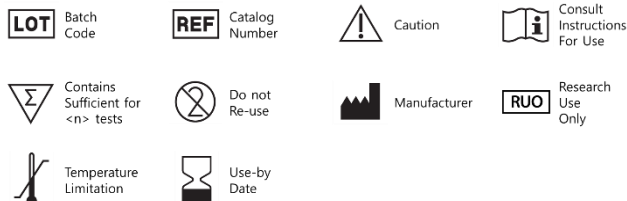
Ordering Information

| Description | Cat. No. |
|---------------------------|----------|
| ExiProgen™ Consumable SET | KA-3001 |


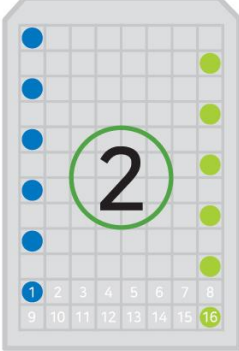
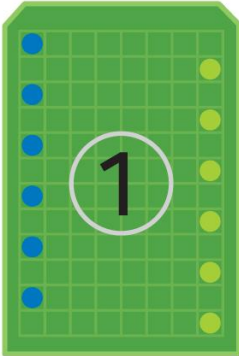
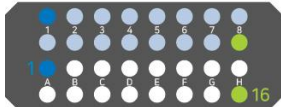

Notice







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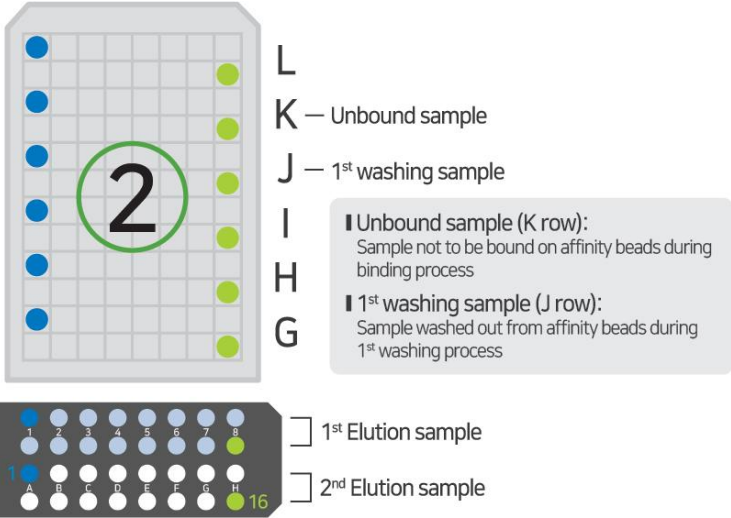
Explanation of Symbols



Experimental Procedures

| Steps | Procedure Details |
|--|--|
| <p>1</p>  <p>Preparation of Cartridge</p> | <p>1. Using a 6-hole punch, place holes onto the corresponding position in Cartridge ① and ② sealing films, included in Cat. No. KA-3001 according to the number of samples (up to 16 wells), and deliver reagents of the <i>MagListo™</i> Kit into corresponding wells stated in figure 1.</p>  <p>L — Magnetic bead (25~500 μl) K J I H G — Sample loading (up to 1,000 μl)</p>  <p>F E — Elution buffer (400 μl) D C B A Binding/Washing buffer (1.1 ml)</p>  <p>1st Elution tube, neutralization buffer (20 μl) 2nd Elution tube, neutralization buffer (20 μl)</p> <p>Figure 1. Position of reagents, tubes, and starting material in Cartridges/Elution tube rack.</p> |
| <p>2</p>  <p>Setting up ExiProgen™</p> | <p>2. Place Cartridge ①, ②, Waste tray, Reaction block, and Disposable tip rack into Base plate.</p> <p>3. Push the Base plate slowly all the way in, and turn on the <i>ExiProgen™</i>.</p> <p>4. After completion of the setup, run the <i>ExiProgen™</i> instrument as follows.</p> <p>* Note: Updated <i>ExiProgen™</i> protocol ver. 4.3 (or higher) required to run this protocol.</p> |

| | | |
|---|--|---|
| 3 | <p>Running ExiProgen™</p>   | <p>5. Turn on the <i>ExiProgen™</i> and press the “Press to start” button in the center of the screen. Soon the <i>ExiProgen™</i> screen with a moving scroll bar will appear, and after a short period of time it moves to the “MENU” screen. The short pause is for the initialization process of the instrument. If it does not move to the next screen, turn off the instrument and call the customer center for A/S.</p> |
| |  | <p>6. In the MENU screen, press the “Start” button to select a proper protocol.</p> |
| |  | <p>7. In the PREP SETUP screen, input the protocol number '341', '342', or '343'. Ensure that the following statement appears on the screen. Then select “Enter”.</p> <p>Prep type: Purification Sample SRC: Protein G, Protein A, or Protein L</p>  |
| |  | <p>8. Ensure that everything is correctly installed following the CHECK LIST, then choose “ok”</p> |

| | | |
|--|--|--|
| |  | <p>9. In the Running Mode screen shown on the left, ensure that the statement appears on the screen. Then press “RUN” to initiate protein dialysis.</p> <p>Prep type: Purification Sample SRC: Protein G, Protein A, or Protein L</p> <p>10. “Work Completion” screen appears when the protocol is completed. Open the door and collect final proteins from the dialysis tubes. Remove all components used in the experiment, and choose 1, 2, or ok.</p> <p>* Note: UV lamp will be on automatically if the “ok” button is selected to finish the use of ExiProgen™.</p> |
| <p>4</p> |  | <p>11. After the "Work Completion" window is displayed, collect the 1st and 2nd elution tubes. Collection of contents of unbound fraction (K row) and/or 1st wash fraction (J row) in Cartridge ② is optional.</p>  |
| <p>Maintenance</p> | | |
| <ul style="list-style-type: none"> • Reaction block and Waste tray: After washing with water, swap with 70% ethanol and rinse with sterile distilled water. • Disposable tip rack in ExiProgen™: To remove any dirt on the Disposable tip rack, cleanse with 70% ethanol. • Cartridge: The cartridge with unused wells should be covered with their lid and stored at room temperature. | | |