

## Monthly Maintenance & Cleaning Kit

For the Innovate™ Rapid Microbial Screening System

Product No. KIT4012 (2 Uses)

### Introduction

#### Description and Intended Use

The Monthly Maintenance & Cleaning kit is designed to maintain the luminometer injector systems in optimum condition. Additionally, the kit can assist in problem-solving, especially in cases where the injector system is contaminated with ATP or microorganisms.

The Monthly Maintenance & Cleaning kit must be used on each injector line in use at least once a month. This will ensure optimal performance of the injector lines at all times.

#### Kit Components

Kit Configuration	Quantity
Reagent 1	6 x 12 mL vials
Reagent 2	6 x 22 mL vials
Reagent 3	6 x 22 mL vials
Polypropylene (PP) vials	18 x 50 mL vials

#### Additional Materials Required

- Innovate System luminometer

### Preparation and General Protocol

#### Preparation

1. Before beginning the MM&C procedure, empty the waste container.
2. Remove one vial of each reagent for each injector from storage at 2 to 8 °C.
3. Allow the reagents to warm to room temperature before use (18 to 23 °C).
4. The Monthly Maintenance & Cleaning kit must be used on each injector line at least once per month. This will ensure optimal performance of the injector lines.
5. Pour the contents of Reagent 1 into a PP vial and connect the vial to injector 1. Repeat for injectors 2 and 3.



## Protocol

On a monthly basis, following the last assay of the day, proceed through this step-by-step guide for maintaining the luminometer's injectors.

1. Select 'Instrument' then select 'MM&C'.

**NOTE:** The instrument and software must remain active throughout the cleaning procedure. Do not turn off the instrument or close out of the Innovate software.

2. Follow the onscreen prompts to begin injection of Reagent 1. Leave Reagent 1 in place until the cycle completes. The onscreen progress bar will indicate the status of completion.
3. Once complete, pour the contents of Reagent 2 into new PP vials and connect to all injector lines.
4. Follow the onscreen prompts to begin injection of Reagent 2. Leave Reagent 2 in place until the cycle completes. The onscreen progress bar will indicate the status of completion.
5. Once complete, pour the contents of Reagent 3 into new PP vials and connect to all injector lines.
6. Follow the onscreen prompts to begin injection of Reagent 3. Leave Reagent 3 in place until the cycle completes. The onscreen progress bar will indicate the status of completion.
7. The Maintenance & Cleaning procedure is now complete. Connect Microwash to the Injectors and wash and prime with reagents as normal before proceeding with assays.

**IMPORTANT: Do not re-use reagents and PP vials! Discard all open vials after use.**

## Additional Information

### Kit Storage and Shelf Life

- The Monthly Maintenance & Cleaning Kit must be stored at 2 to 8 °C when not in use.
- Do not use kits beyond the stated expiration date.
- Discard each open vial after cleaning is complete.
- The performance of this kit and its components cannot be guaranteed beyond the expiration date stated on the kit box.

### Safety and Precautions

- Intended for *in vitro* use only.
- Use good laboratory practices when performing this assay and when handling samples and materials. Gloves should be worn when running the test to prevent contamination. Follow standard aseptic procedures when handling or transferring samples and reagents.
- Do not mix reagents from different kit lots.
- Dispose of all assay material according to your laboratory standard operating procedures and appropriate prescribed local regulations.

The Innovate System method includes procedures that could result in the growth of potential pathogens to detectable levels. Because pathogens can cause human illness, appropriate safety precautions must be taken; personal protective equipment must be worn when handling samples, media, reagents, glassware, equipment and other supplies that could be contaminated with potentially pathogenic bacteria.

- The reagents in this kit do not pose any health risk when used per standard laboratory practices. Before using this assay, please review the Safety Data Sheet (SDS) available at [www.hygiena.com/documents](http://www.hygiena.com/documents).



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