

IndiMag[®] Pathogen KF96 Cartridge

Quick Start Protocol

For use with magnetic particle processors (e.g., KingFisher[™] Flex)

The IndiMag Pathogen KF96 Cartridges (SP947855P196) can be stored at room temperature (15-25°C). For expiry date information, read the label on the kit box.

Further information and support

- Technical assistance: support@indical.com

Important notes before starting

- Read the safety information in the instrument user manual before use.
- Always ensure that the correct protocol or script is used for the intended application and that it is compatible with the instrument's software version.
- All centrifugation steps are carried out at room temperature (15–25°C) in a universal laboratory centrifuge with Plate Rotor 2 x 96, for 96-Well Deep-Well Plates.

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Instrument manufacturers may update their designs, materials, or software versions without prior notice. While we strive to ensure compatibility, we cannot guarantee full functionality with modified or newly released versions of third-party instruments. For questions regarding compatibility, please contact our technical support team.

Procedure

1. Invert the IndiMag Pathogen KF96 Cartridge “Wash 1” (❷) several times prior to use, until the beads appear free in solution.
2. Centrifuge the IndiMag Pathogen KF96 Cartridges (❶ - ❺) in a 96-well-deep-well plate centrifugation adapter at room temperature (15-25°C) for 1 min at 500 x g.
3. Carefully peel off the foil covering the IndiMag Pathogen KF96 Cartridge “Lysate” (❶).
4. Pipet 200 µl sample into the bottom of the IndiMag Pathogen KF96 Cartridge “Lysate” (❶) according to Figure 1.

Note: If necessary, add PBS, 0.9 % NaCl, or nuclease-free water to achieve a total sample volume of 200 µl.

Figure 1: Instrument setup

Slot	Loading message	Format	Item to add
6	Load Rod Cover	96-well deep well plate	Rod Cover
5	Load Elution	96-well microplate	Elution
4	Load Wash 3	96-well deep well plate	Wash 3
3	Load Wash 2	96-well deep well plate	Wash 2
2	Load Wash 1	96-well deep well plate	Wash 1
1	Load Lysate	96-well deep well plate	Lysate*

*Includes 200 µl sample and 500 µl Lysis Buffer

5. Add 500 µl Lysis Buffer to each sample in the IndiMag Pathogen KF96 Cartridge “Lysate” (❶).
6. Carefully peel off the foil covering the remaining IndiMag Pathogen KF96 Cartridges (❷ - ❺).
7. Immediately load prepared plates onto the processor and start appropriate script.

Change index

PCard	Version	Change
HB-2547-EN-002	February 2025	Editorial changes
HB-2547-EN-001	March 2020	Protocol launch