

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.
- All centrifugation steps are carried out at room temperature (15–25°C) in a microcentrifuge/Centrifuge 4-16S.

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Procedure

1. Invert the IndiMag Pathogen KF96 Cartridge “Wash 1” (②) several times prior to use, until the beads appear free in solution.
2. Centrifuge the IndiMag Pathogen KF96 Cartridges (① - ⑤) in a 96-well-deep-well plate centrifugation adapter at room temperature (15-25°C) for 1 minute at 500 x *g*.
3. Carefully peel off the foil covering the IndiMag KF96 cartridge “Lysate” (①).
4. Pipet 200 µl sample into the bottom of the IndiMag KF96 cartridge “Lysate” (①) according to Figure 1.

Note: If your sample volume is less than 200 µl, bring it up to 200 µl by adding PBS.

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 deep well plate	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 Buffer VXL mixture

5. Add 500 µl Lysis Buffer to each sample in the IndiMag KF96 cartridge “Lysate” (①).
6. Carefully peel off the foil covering the remaining IndiMag Pathogen KF96 Cartridges (②-⑤).
7. Immediately load prepared plates onto the processor and start appropriate script.