

IndiMag® Pathogen Kit

Quick Start Protocol – Tender Configuration Supplement

For use with magnetic particle processors (e.g. Auto-Pure 32/ Mini)

The IndiMag Pathogen Kit (cat. no. SP947457) and the IndiMag Pathogen Kit w/o plastics (cat. no. SP947257) can be stored at room temperature (15-25°C). For expiry date information, read the label on the kit box.

Nature of this document

This Quick Start Protocol Supplementary (HB-2713-EN-002) is an INDICAL document that documents, in the format of a controlled Quick Start Protocol, the kit composition of the tender-specific bundled configuration of the IndiMag Pathogen Kit (SP947457) supplied to BIOMARKER Kereskedelmi és Szolgáltató Kft. for Public Procurement Procedure EKR000258452026 of the National Food Chain Safety Office (NEBIH). The content herein corresponds to, and reflects, the INDICAL Supplementary Technical Confirmation document issued on 13 May 2026 to BIOMARKER.

This document does not constitute a retroactive validation, modification or reformulation of the IndiMag Pathogen Kit, of its standard composition, or of its standard documentation (IndiMag Pathogen Kit Handbook HB-1926-EN-005, August 2025; standard Quick Start Protocol HB-2713-EN-001, March 2026). The underlying chemistry, reagents, validation status, intended use and worldwide standard composition of the IndiMag Pathogen Kit remain unchanged. The catalogue number SP947457 remains unchanged.

This document has been issued solely to meet the procurement documentation requirements set out by the Contracting Authority for the present procurement procedure, by reflecting the kit composition of the tender-specific bundled configuration in the format of the manufacturer's controlled technical documentation.

Further information and support

- IndiMag Pathogen Kit or IndiMag Pathogen Kit w/o plastics Handbook: www.indical.com/handbooks
- Technical assistance: support@indical.com

Kit composition

The IndiMag Pathogen Kit (SP947457) is supplied for the above procurement procedure as a tender-specific bundled configuration. The configuration comprises the standard kit contents as described in the IndiMag Pathogen Kit Handbook (HB-1926-EN-005) together with additional verified and authorized consumables required for use on the Allsheng Auto-Pure S32 and Auto-Pure Mini instruments, as listed below. The IndiMag Pathogen Kit (in its original, unopened manufacturer packaging) and the additional consumables are co-packed and delivered together as one bundled shipment under the unchanged catalogue number SP947457.

Standard kit contents (per Handbook HB-1926-EN-005)

Component	Quantity per kit box (SP947457, 384 reactions)
Buffer VXL	2 × 30 ml
Buffer ACB	2 × 60 ml
Proteinase K	2 × 6 ml
Carrier RNA (poly A)	2 × 310 µg
MagAttract® Suspension G	1 × 13 ml
Buffer AW1 (concentrate)	2 × 75.5 ml
Buffer AW2 (concentrate)	2 × 54 ml
Buffer AVE	1 × 125 ml
Large 96-Rod Cover	4
S-Block	20
96-Well Microplate MP	4
Quick-Start Protocol (PCard)	2

Additional verified consumables included in this tender-specific configuration

Component	Quantity per kit box	Original manufacturer reference (Allsheng)
Magnetic 8-well rod comb for Auto-Pure S32 / 32A / 16A / Mini	48 pieces	AS-17031-02
96-deepwell plate for Auto-Pure 96 / Mini / S32	24 pieces	AS-17061-02

The consumable quantities are matched to the 384-reaction size of the IndiMag Pathogen Kit and cover the complete number of extractions per kit box on the specified Auto-Pure instruments. The catalogue number SP947457 remains unchanged.

Important notes before starting

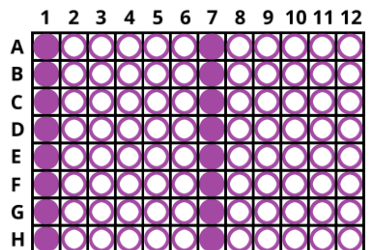
- Read the safety information in the instrument user manual before use.
- Add Buffer AVE to dissolve carrier RNA as indicated on the tube.
- Add isopropanol (100 %) to Buffer ACB and ethanol (96-100 %) to Buffers AW1 and AW2 before use. See the respective bottle labels for volumes.
- Vortex MagAttract® Suspension G for 3 minutes and ensure that it is fully resuspended.
- Equilibrate buffers to room temperature (15-25°C).

Procedure

1. Label and prepare suitable 96 well plates/ strips according to Table 1.

Table 1: Instrument setup and reagent volumes.

Column	Item to add	Volume per well
1/7	Lysate Lysate*	720 µl
2/8	Wash 1 Buffer AW1	700 µl
3/9	Wash 2 Buffer AW2	700 µl
4/10	Wash 3 Ethanol (96–100 %)	750 µl
5/11	Empty -	-
6/12	Elution Buffer AVE	100 µl



* Includes 20 µl Proteinase K, 200 µl sample and 500 µl Buffer VXL mixture

2. Prepare Buffer VXL mixture according to Table 2.

Table 2: Buffer VXL mixture preparation.

Reagent	1 reaction	8 reactions	16 reactions	32 reactions
Buffer VXL	100 µl	800 µl	1.6 ml	3.2 ml
Buffer ACB	400 µl	3.2 ml	6.4 ml	12.8 ml
MagAttract Suspension G	25 µl	200 µl	400 µl	800 µl
Carrier RNA (1 µg/µl)	1 µl	8 µl	16 µl	32 µl

3. Pipet 20 µl Proteinase K into the bottom of the first column and add 200 µl sample according to Table 1.

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

4. Mix Buffer VXL mixture thoroughly for 30 sec and add 500 µl Buffer VXL mixture to each sample in the well.
5. Immediately load prepared plates/ strips onto the processor, load suitable magnet rod cover strips on correct position and start the appropriate protocol.

Change index

PCard	Version	Change
HB-2713-EN-001	March 2026	Protocol launch
HB-2713-EN-002	May 2026	Documentation supplement issued for Public Procurement Procedure EKR000258452026: reflects the kit composition of the tender-specific bundled configuration of SP947457 in the format of a controlled Quick Start Protocol, in line with the INDICAL Supplementary Technical Confirmation document dated 13 May 2026. The application procedure, reagent volumes, and instrument compatibility content of HB-2713-EN-001 (March 2026) are reproduced unchanged. No change to the standard kit composition, validation status, or intended use of the IndiMag Pathogen Kit.

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