

NEW

STATONAT®

LAB

Pathomag extraction kit

Extraction kit for RNA and DNA isolation from pathogens



SENTINEL
DIAGNOSTICS

Pathomag extraction kit



Patent No. W02010133628 A1

Extraction kit for RNA and DNA isolation from pathogens

The STATNAT® Pathomag extraction kit allows rapid purification of viral RNA/DNA and bacterial DNA using magnetic beads technology. The kit is designed for processing respiratory sample, typically swab-wash. After sample specific pretreatment, liquid sample is used in the purification procedure. The STATNAT® Pathomag extraction kit already contains carrier RNA, proteinase K and buffers and can be used either manually or automated on standard liquid handling instruments or automated magnetic separators. The kit shall be used in combination with Sentinel Diagnostics RNA/DNA detection kits.

Product specification:

| | |
|---|--|
| Technology | Magnetic beads |
| Format | Highly reactive superparamagnetic beads |
| Processing | Manual or automated |
| Number of extractions | 120 in manual procedure. On automated instruments, the number may vary |
| Sample material | The prep is fully scalable. A convenient volume, e.g., for 96-well processing would be: < 200 µL swab-wash solution |
| Max. amount of sample material for purification procedure | 200 µL liquid |
| Elution volume | 50 – 100 µL |
| Material required but not provided | 80% Ethanol, Molecular biology grade |

Benefits of the kit:

- Kit optimized for respiratory samples
- High sensitivity even for low viral titers
- Magnetic beads based viral RNA/DNA and bacterial DNA isolation
- Flexibility of manual or automated processing
- Room temperature delivery and storage

S P E C I F I C A L L Y
D E S I G N E D F O R
STATNAT® & SENTIGENE®
K I T S

| Ref. | Description | Kit size |
|--------|---|-----------------|
| 1N1001 | STATNAT® Pathomag extraction kit Extraction kit for RNA and DNA isolation from pathogens | 120 extractions |
| 1N1003 | STATNAT® Magnetic Rack | 1 piece |

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