

magtivio



MagSi-DX Pathogen

*Viral RNA extraction for subsequent
in-vitro diagnostic assays*

CE-IVD marked viral RNA extraction for SARS-CoV-2 diagnostic workflows

MagSi-DX Pathogen is intended to be used for the isolation and purification of viral RNA for subsequent in-vitro diagnostic purposes. The kit can be used with human respiratory swabs and saliva. The kit is designed to be used with any downstream application with amplification and detection of viral RNA (in particular RT-qPCR, sequencing). The kit has been specifically validated for SARS-CoV-2 diagnostic workflows.



Features & Benefits

- CE-IVD marked
- Validated for SARS-CoV-2 diagnostics workflows
- Short protocols, complete processing at room temperature possible
- Consistently high yield of viral RNA
- Very strong magnetic beads enable fast magnetic separation even from viscous sample lysates
- Suitable for many enzymatic down-stream applications in particular RT-qPCR and sequencing
- Preparation time for 96 samples: <30 min
- Easy to automate with e.g. PurePrep systems
- Samples can be collected with various sample collection devices

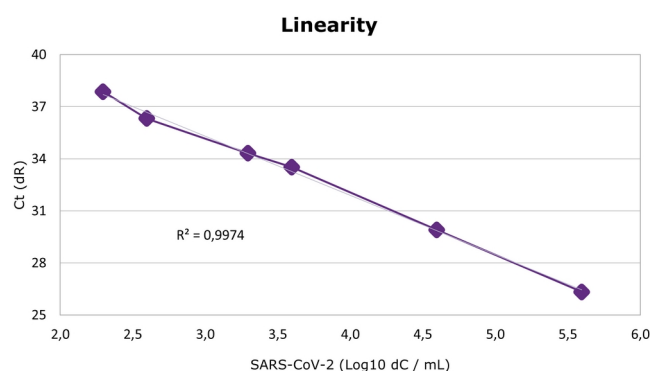
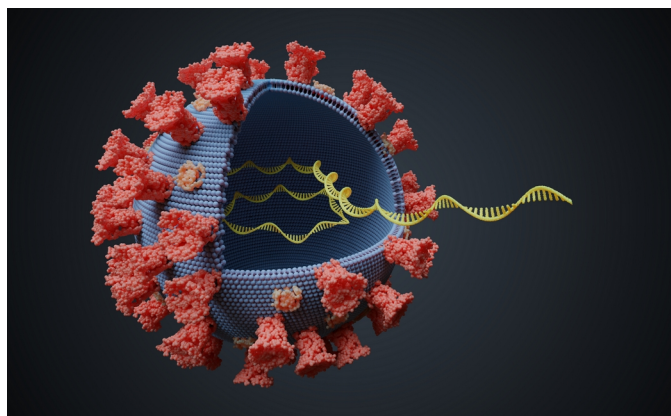


Figure 1: Linearity of RT-qPCR results after extraction of SARS-CoV-2 RNA from samples included in SARS-CoV-2 Analytical Q Panel (Qnostics).

Magnetic-bead Based Extraction

- Classic bind-wash-elute principle
- Used with human respiratory swabs and saliva
- Suitable for low- to and high-throughput automation
- Small elution volumes

Easy to Automate

- Minimal accessory requirements
- Magnetic particle processors protocols available (e.g. PurePrep system)
- Consumables for magnetic particle processors (e.g. PurePrep system) available
- Compatible with other liquid handling robots (e.g. Hamilton®, TECAN® etc.)
- Magnetic separators for microtubes and microplates available

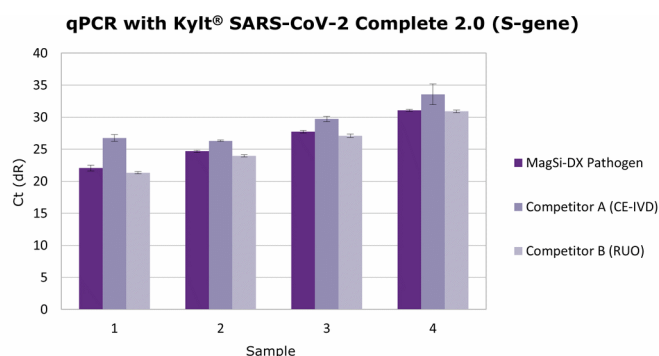


Figure 2: Comparison of Cts obtained from four dilutions of positive samples after RNA extraction with MagSi-DX Pathogen and two competitor products and RT-qPCR.

Art. No.	Description	Amount
MDDX00010096	MagSi-DX Pathogen	96 preps
MDDX00010960	MagSi-DX Pathogen	10 x 96 preps
MDDX0001005K	MagSi-DX Pathogen	5000 preps
MDDX0001025K	MagSi-DX Pathogen	25000 preps