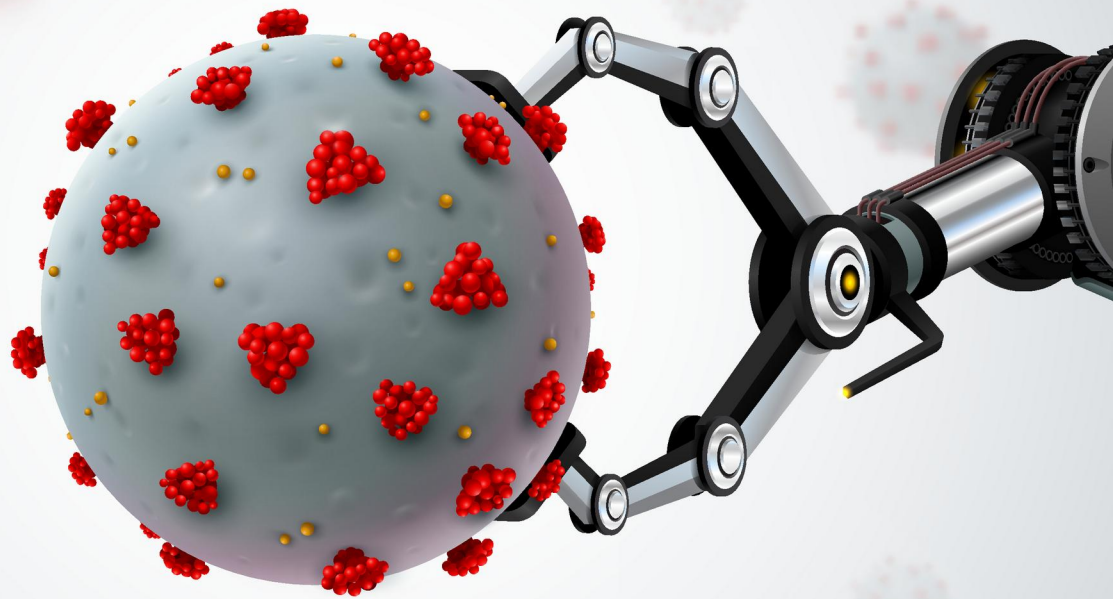


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Custom  
Q-PCR Assays

## rQ MagSi-NA Pathogens

*Total nucleic acid extraction for  
pathogen detection, automation-ready*

## Total nucleic acid extraction for pathogen detection, automation-ready

rQ MagSi-NA Pathogens is an automation-ready-to-use kit for pathogen DNA and RNA extraction from a variety of sample materials like serum, plasma, oropharyngeal/nasopharyngeal swabs, or any other respiratory samples. It is based on the proven, market-leading MagSi-NA Pathogens kit. Components are delivered pre-filled in deepwell plates to be directly used in PurePrep 96, 32, 16 or KingFisher automated, nucleic acid purification systems.

### Features & Benefits

- Conveniently pre-filled in plate formats
- Minimal hands-on time; Less errors
- More consistent and reproducible results
- 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 is about 20 min
- Ready-to-use on PurePrep 96, 32, 16 or KingFisher automated, nucleic acid purification systems
- Based on the proven, market-leading MagSi-NA Pathogens kit (for e.g. Covid-19 RNA extraction)



rQ MagSi-NA Pathogens kit components

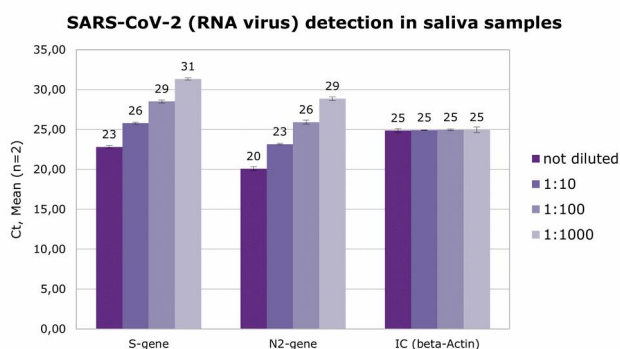


Figure 1: Variable amounts of SARS-CoV-2 positive saliva samples were diluted in SARS-CoV-2 negative saliva. RNA target sequences for SARS-CoV-2 (S- and N2-gene) were detected using a RT-qPCR assay. Homogeneous amplification of the endogenous control gene (IC, beta-Actin) was obtained in all samples, indicating absence of PCR inhibition.

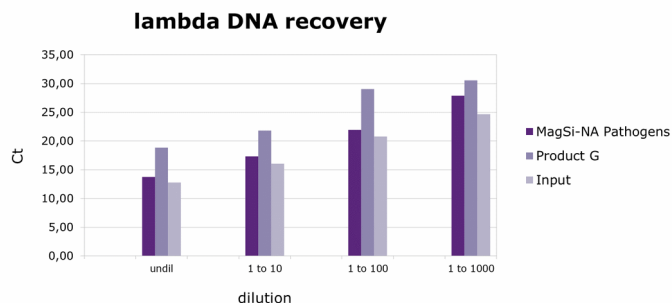


Figure 2: Variable amounts of lambda DNA were spiked to human serum samples. Lambda DNA was detected using a qPCR assay. High recovery rates were obtained with reference to the spiked DNA (input) and in comparison to a competitive kit (Product G).



PurePrep 96/32/16 automated, nucleic acid purification systems

### Ordering Information

Art. No.	Description	Amount
MDKT00210196PF	rQ MagSi-NA Pathogens (for PurePrep 96)	96 preps
MDKT00211096PF	rQ MagSi-NA Pathogens (for PurePrep 96)	10 x 96 preps
MDKT00215096PF	rQ MagSi-NA Pathogens (for PurePrep 96)	50 x 96 preps
MDKT00210216PF	rQ MagSi-NA Pathogens (for PurePrep 32/16)	2 x 16 preps
MDKT00210616PF	rQ MagSi-NA Pathogens (for PurePrep 32/16)	6 x 16 preps

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magtivio B.V.

Daelderweg 9  
6361 HK Nuth | The Netherlands

Tel.: +31(0)45 208 4810  
Fax: +31(0)45 208 4817  
<http://www.magtivio.com>  
info@magtivio.com

