

IKA

designed for scientists

EN



Product recommendation

Defeating the spread of COVID-19 with
laboratory equipment from IKA

COVID-19 pathogen detection through RT-PCR

Product recommendation for preparatory
DNA / RNA purification& extraction

> 1 | Sample preparation



IKA PETTE vario



IKA Tip s / xs box

PIPETTES AND PIPETTE TIPS

IKA PETTE vario 0.5 – 10 µl	0020011211	EUR 219,00
IKA PETTE vario 100 – 1000 µl	0020011216	EUR 219,00
IKA Tip xs box + (DNA/RNase free)	0020017820	EUR 229,00
IKA Tip s box + (DNA/RNase free)	0020017824	EUR 229,00

DNA/RNase
free filter tips



SHAKERS

<i>Roller shaker</i> Roller 6 basic	0004010000	EUR 1.349,00
<i>Roller shaker</i> Roller 6 digital	0004011000	EUR 1.399,00
<i>Roller shaker</i> Roller 10 basic	0004012000	EUR 1.649,00
<i>Roller shaker</i> Roller 10 digital	0004013000	EUR 1.699,00
<i>Orbital shaker</i> Vortex 3	0003340000	EUR 369,00



Roller 6 digital



Vortex 3

> 2 | Lysis

Optimal mixing
result for smallest
volumes



Matrix Orbital Δ



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THERMOSHAKERS

Matrix Orbital Δ F1.5	0010006249	EUR 2.299,00
Matrix Orbital Δ F2.0	0010006258	EUR 2.299,00

> 3 | Purification & Extraction

Ideal for all separation processes



IKA mini G



IKA G-L

CENTRIFUGES AND ROTORS

IKA G-L	0030000774	EUR 999,00
IKA G-L, 2 ml rotor set	0030001333	EUR 250,00
IKA G-L, PCR Set	0030001345	EUR 199,00
IKA G-L, Adapter PCR tube	0030001346	EUR 9,00
IKA mini G	0003958000	EUR 313,00

Safe processing of infectious samples

Detection of COVID-19 pathogens in stool

> Homogenization without cross-contamination

DISPOSABLE DISPERSING SYSTEM AND TUBES

<i>Disposable dispersing system</i>		
ULTRA-TURRAX® Tube Drive P control	0025005981	EUR 1.299,00
<i>50 ml tube with rotor-stator element</i>		
DT-50-M-gamma, 10 pcs.	0003701600	EUR 159,00
<i>300 ml tube with dissolving element</i>		
DIS-300-S-M.10, 10 pcs.	0020016318	EUR 149,00
<i>300 ml tube with dissolving element</i>		
DIS-300-S-M.50, 50 pcs.	0020017313	EUR 729,00



ULTRA-TURRAX® Tube Drive P control

Sterile 50 ml single-use dispersing tube



DT-50-M-gamma



DIS-300-S-M.10
DIS-300-S-M.50

Decontamination through heat application

Reuse of protective face masks with
filter function up to 3 times

> Decontamination

Apply dry heat to
decontaminate
FFP2/ FFP3 masks



IKA Oven 125 control - dry

DRYING OVENS

Drying chamber IKA Oven 125 basic - dry	0020003215	EUR 1.999,00
Drying chamber with glass door IKA Oven 125 basic - dry glass	0020003956	EUR 2.330,00
Drying chamber IKA Oven 125 control - dry	0020003990	EUR 2.999,00
Drying chamber with glass door IKA Oven 125 control - dry glass	0020003996	EUR 3.399,00



IKA Oven 125 basic - dry glass

Reagents for sample preparation

Production of buffer and washing solutions made easy

> Mixing



EUROSTAR 100 / 400 control

OVERHEAD STIRRERS AND MAGNETIC STIRRERS

Overhead stirrer EUROSTAR 100 control	0004028500	EUR 2.449,00
Overhead stirrer EUROSTAR 400 control	0004214100	EUR 3.599,00
Overhead stirrer RW 47 digital	0004050000	EUR 5.405,00
Magnetic stirrer without heating Maxi MR 1 digital	0025002978	EUR 3.399,00

Powerful stirrers
for up to 150 l

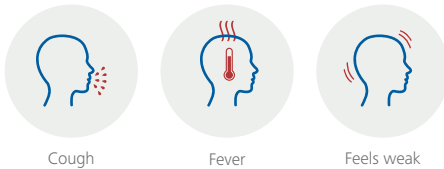


Maxi MR 1 digital

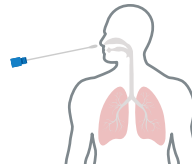
At a glance

Testing for SARS-CoV-2

> 1 | The patient is ill and has e.g. cough, fever and feels weak.



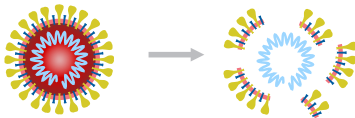
> 2 | The doctor makes a deep throat and nasal swab.



> 3 | The swab with the sample material is sent to the laboratory in a plastic tube.



> 4 | The virus shell has to be broken up with e.g. the Vortex 3 to access the genetic material (RNA) inside (lysis). Then, this material needs to be purified and extracted with e.g. an IKA PETTE pipette for the subsequent PCR analysis.

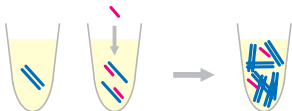


> 5 | The virus RNA must be transcribed into cDNA for the PCR analysis.



> 6 | Primers from laboratory-made coronavirus genetic material are added to the sample.

The sample is heated and cooled several times



Proof positive:

The coronavirus genetic material attaches to the patient sample ...

... i.e. the DNA multiplies



Proof negative:

The coronavirus genetic material does not attach to the patient sample, ...

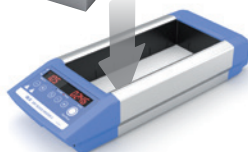
... i.e. the DNA does not multiply

Additional Products

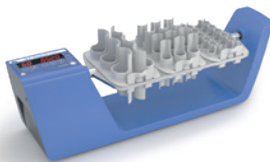
If required, the following IKA devices are available for your lab to complement operations that help defeating the spread of COVID-19.



Dry Block Heater
3 x DB 6.1 (for PCR tube strips)
Ident. No. 0004470400



Dry Block Heater 3
Dry Block Heater
Ident. No. 0004025300



Trayster digital
Overhead Shaker
Ident. No. 0004006000



Loopster basic
Overhead Shaker
Ident. No. 0004015000

Further Accessories



LINEA Pipette Rack

Secure mount for pipettes for easy access when frequently used.

Ident. No. 0020018987



VG 3.3 Universal Attachment

Universal attachment, 150 mm for Vortex 3 with rubber insert.

Ident. No. 0003342400



Pipette Calibration Software

IKA provides a user-friendly pipette calibration software for planning, performing and recording all calibration tests.

Ident. No. 0020022141

Find more
accessories on
www.ika.com

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IKAworlwide // #lookattheblue