

# Complete molecular solution adapted to your needs



Respiratory infections



Gastrointestinal infections



CNS infections



Vector-borne infections



Sexually transmitted diseases



**VIRCELL**  
Molecular



# Complete Molecular Solution adapted to your needs



Viral Transport Medium

## VTM

### VIRAL TRANSPORT MEDIUM

Improve the quality of samples with a versatile medium.

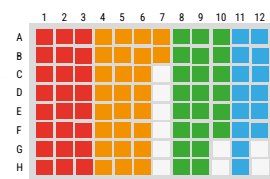
- Versatile medium, valid for different types of samples, microorganisms and diagnostic methods.
- Successfully used for **molecular based assays**.
- Avoids the **drying up** of the sample.
- Improves **microorganisms viability** between collection and laboratory testing.
- Decrease **bacterial overgrowth** in contaminated samples.
- **Customized solution**, available in different formats with different collection devices.
- Easy and safe to use, reduces the risk of contamination.



1 sample



Vircell Sample Extraction Kits



Multiple outcomes

## Nucleic Acid Extraction

### EXTRACTION REAGENTS

Nucleic acid extraction kits in tube and plate format for automated processing. Technology based on magnetic beads.

- STANDARD EXTRACTION PLATE  
Ref: SE001  
96 tests
- STANDARD EXTRACTION TUBE  
Ref: SE002  
96 tests

### MagXtract® 3200

Fully automated nucleic acid purification and PCR setup system.

- **Extraction capacity:** 32 samples in approximately 60 minutes depending on the run protocol.
- **Compatibility with various human biological samples:** nasopharyngeal/oropharyngeal swabs, endocervical/vaginal swabs, uretral/rectal/perianal exudates, urine and genital ulcers, stool samples, and plasma.
- Predisposed generic/universal extraction reagents.
- **Total traceability by barcode:** from clinical sample to RT-qPCR tube.



KITS VIRPLEX DE PCR EN TIEMPO REAL

AZURE™ Cielo 6



CFX96™



CFX96™ Opus

## Amplification

### VIRPLEX REALTIME PCR KITS

One-step Real-time qPCR kits for the detection of infectious diseases in human samples.

- **Multiplex PCR:** detection of up to 10 pathogens.
- Internal control ensures the stability and performance of the thermal cycler.
- Freeze-dried mastermix and positive control to ensure stability and reduce shipping costs.
- Fast and reliable results in less than 2 hours.
- **Flexibility:** we offer different kit presentations for user convenience, vials, pre-dosed strips and plates.

## Analysis/Data Export



### VIRCOM PCR

User friendly software for high multiplex molecular assays.

- **Ensures complete process traceability**, reducing errors in both plate pipetting and results analysis.
- Flexibility to **combine different VIRPLEX kits** in a single run.
- Provides **quantitative and qualitative results**, with the option to save standard curves for use in future assays.
- **Automatic results processing**, including real-time visualization of curves and amplification data.
- Bidirectional integration with LIS.



Automatic interpretation of results



Multiple PCR kits with a unified protocol



LIS connection and reports

### AMPLIRUN® Line

Independent third-party controls to be used with any molecular testing platform

- Quantified controls in copies/µl.
- **Non-infectious material** provided with inactivation certificate.
- **Lyophilized presentation** ensures stability and reduces transport costs.



### AMPLIRUN® TOTAL CONTROLS

Complete inactivated microorganism in a matrix that mimics a human sample.










### AMPLIRUN® CONTROLS

Inactivated and purified complete genome

## NUCLEIC ACID EXTRACTION REAGENTS

DESCRIPTION	CAT. No	CLASS	PACK SIZE
STANDARD EXTRACTION PLATE	SE001	CE <sub>0123</sub> IVDR	96 tests
STANDARD EXTRACTION TUBE	SE002	CE <sub>0123</sub> IVDR	96 tests

## REAL-TIME PCR REAGENTS

DESCRIPTION	CAT. No	CLASS	PACK SIZE	
 <b>Meningitis</b>	BACTERIAL MENINGITIS REALTIME PCR KIT	RTPCR014-LPD-R	RUO	48 tests
	VIRAL MENINGITIS REALTIME PCR KIT	RTPCR011/RTPCR011-LPD	CE	48 tests
	ACANTHAMOEBA REALTIME PCR KIT	RTPCR035-LP-R	RUO	24 tests
 <b>Gastro</b>	CLOSTRIDIUM DIFFICILE TOXINS REALTIME PCR KIT	RTPCR020-LP/RTPCR020-LPD	CE <sub>0123</sub> IVDR	48 tests / 96 tests
	GASTROPARASITES 1 REALTIME PCR KIT	RTPCR024-LP	CE <sub>0123</sub> IVDR	48 tests
	GASTROVIRUS REALTIME PCR KIT	RTPCR028-LP	CE <sub>0123</sub> IVDR	48 tests
	GASTROBACTERIA REALTIME PCR KIT	RTPCR029-LPD	CE <sub>0123</sub> IVDR	48 tests
 <b>Vector borne</b>	OROPOUCHE-MAYARO VIRUS REALTIME PCR KIT	RTPCR032-LP-R	RUO	24 tests
	ZIKV/DENV/CHIKV REALTIME PCR KIT	RTPCR004/RTPCR004-LP	CE <sub>0123</sub> IVDR	48 tests / 96 tests
	PLASMODIUM REALTIME PCR KIT*	RTPCR031-LP	CE <sub>0123</sub> IVDR	24 tests
 <b>Mycobacterial infections</b>	MBTC SPECIES REALTIME PCR KIT	RTPCR022-LP-R	RUO	24 tests
	MYCOBACTERIUM REALTIME PCR KIT	RTPCR016-LP/RTPCR016-LPD	CE <sub>0123</sub> IVDR	24 tests / 96 tests
 <b>Respiratory infections</b>	BORDETELLA REALTIME PCR KIT	RTPCR030-LP	CE <sub>0123</sub> IVDR	48 tests
	DIRECT SARS-COV-2 REALTIME PCR KIT	RTPCR002/RTPCR002-LPD	CE	96 tests
	PNEUMOCYSTIS JIROVECI REALTIME PCR KIT (quant.)	RTPCR027-LP	CE <sub>0123</sub> IVDR	48 tests
	SARS-CoV-2/FLU/RSV REALTIME PCR KIT	RTPCR003/RTPCR003-LPD	CE	96 tests
	SARS-CoV-2/FluA/FluB/RSV REAL TIME PCR KIT	RTPCR021-LPD	CE <sub>0123</sub> IVDR	96 tests
	SARS-COV-2 OMICRON SUBVARIANTS REALTIME PCR KIT	RTPCR019-LPD-R	RUO	96 tests
 <b>STD</b>	CT/NG/TV/MG REALTIME PCR KIT	RTPCR006/RTPCR006-LPD	CE	96 tests
	GENITAL ULCER REALTIME PCR KIT	RTPCR007-LPD	CE <sub>0123</sub> IVDR	48 tests
	MH/UU/UP REALTIME PCR KIT (quant.)	RTPCR026-LP	CE <sub>0123</sub> IVDR	24 tests
	MONKEYPOX REALTIME PCR KIT	RTPCR018-LPD-R	RUO	96 tests
	MPOX CLADES REALTIME PCR KIT	RTPCR034-LP-R	RUO	24 tests
	VAGINAL PANEL REALTIME PCR KIT (semiquant.)	RTPCR005-LPD	CE	48 tests
 <b>Others</b>	HEPATITIS DELTA REALTIME PCR KIT (quant.)	RTPCR017-LP-R	RUO	24 tests
	MEASLES REALTIME PCR KIT	RTPCR036-LP	CE <sub>0123</sub> IVDR	24 tests

## AMPLIRUN® TOTAL

DESCRIPTION	CAT. No	CLASS	PACK SIZE
AMPLIRUN® TOTAL CLOSTRIDIUM DIFFICILE RT027 CONTROL (STOOL)	MBTC026-R	RUO	10 vials
AMPLIRUN® TOTAL GASTROINTESTINAL BACTERIAL PANEL CONTROL (STOOL)	MBTC021	CE	10 vials
STOOL MATRIX NEGATIVE CONTROL	MC107	RUO	10 vials
AMPLIRUN® TOTAL EBV CONTROL (PLASMA)	MBTC019-R	RUO	10 vials
AMPLIRUN® TOTAL MENINGITIS CONTROL (CSF)	MBTC025-R	RUO	10 vials (5x2)
AMPLIRUN® TOTAL ATYPICAL BACTERIAL PNEUMONIA CONTROL (SWAB)	MBTC022-R	RUO	10 vials
AMPLIRUN® TOTAL FLUA/FLUB/RSV CONTROL (SWAB)	MBTC028	CE	10 vials
AMPLIRUN® TOTAL RESPIRATORY VIRAL PANEL CONTROL (SWAB)	MBTC020	CE	10 vials
AMPLIRUN® TOTAL SARS-CoV-2/FluA/FluB/RSV CONTROL (SWAB)	MBTC031	CE	10 vials
RESPIRATORY SWAB MATRIX NEGATIVE CONTROL	MC110	RUO	10 vials
SPUTUM NEGATIVE CONTROL	MC128	RUO	10 vials
AMPLIRUN® TOTAL CT/NG/TV/MGE CONTROL (SWAB)	MBTC024-R	RUO	10 vials
AMPLIRUN® TOTAL MACROLIDE RESISTANT MGE CONTROL PANEL (SWAB)	MBTC029	CE	10 vials (4+3+3)
AMPLIRUN® TOTAL MONKEYPOX VIRUS CONTROL (SWAB)	MBTC032-R	RUO	10 vials
AMPLIRUN® TOTAL GENITAL ULCER CONTROL (SWAB)*	MBTC034-R	RUO	10 vials
AMPLIRUN® TOTAL VAGINAL PANEL CONTROL (SWAB)	MBTC033-R	RUO	10 vials (5x2)
AMPLIRUN® TOTAL CMV CONTROL (PLASMA)	MBTC018-R	RUO	10 vials
AMPLIRUN® TOTAL HSV-1/HSV-2/VZV CONTROL (EXUDATE)	MBTC016	CE	10 vials
AMPLIRUN® TOTAL MDR-TB VERIFICATION & CONTROL PANEL (SPUTUM)	MBTC027	CE	10 vials (5x2)
AMPLIRUN® TOTAL MTB CONTROL (SPUTUM)	MBTC013	CE	10 vials
AMPLIRUN® TOTAL MTB INH RESISTANT CONTROL (SPUTUM)	MBTC015	CE	10 vials (2x5)
AMPLIRUN® TOTAL MTB RIF RESISTANT CONTROL (SPUTUM)	MBTC014	CE	10 vials (2x5)
AMPLIRUN® TOTAL ZIKV/DENV/CHIKV CONTROL (PLASMA)	MBTC023	CE	10 vials

\* Coming soon

Information correct at time of print. Product availability may vary from country to country, please contact your Vircell representative for information.

# Molecular diagnosis

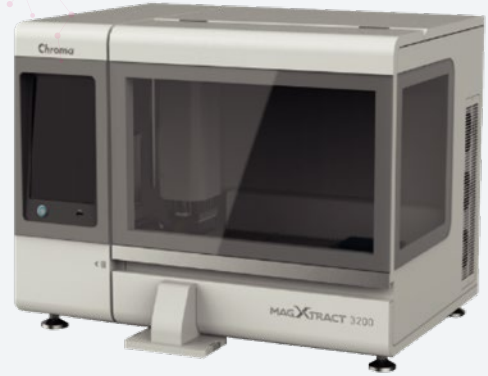
## 1 Automated nucleic acid extraction & PCR Setup for VIRPLEX Kits

### MagXtract® 3200

CHROMA

Ref. MAGXTRACT3200

- Fully automated system for nucleic acid purification and PCR setup.
- Complete traceability of the process from primary sample tubes.
- 1 to 32 samples. Extraction protocol ≈ 20 minutes.
- Recovers volume after vacuuming.
- Works by strips - suited to medium and low workload.
- Proteinase K and magnetic beads are ready to use, requiring no hands-on time.



## 2 Real-Time PCR

### AZURE™ CIELO 6

AZURE

Ref. AIQ315

- 96-well plate Real-Time PCR instrument.
- Up to 6 fluorescent detection channels.
- Dye compatibility: FAM, HEX, VIC, ROX, JOE, Cy5, Cy5.5, Quasar 670, Quasar 705, TAMRA, TEX615 among others.
- Compatible plates/tubes: low profile, semi or non-skirted, 96-well plates with sealing film; low-profile 8-or-12-well strip tubes with optical caps; low profile single tubes with optical cap.
- Dimensions (WxDxH): 30.5 x 50.8 x 43.2 cm.



### CFX96™ | CFX 96™ Opus

BIO-RAD

Ref. CFX96-IVD

Ref. 12014330

- 96-well plate Real-Time PCR instrument.
- Up to 5 fluorescent detection channels.
- Dye compatibility: FAM, HEX, Texas Red, Cal Red 610, Cy5, Quasar 705, among others.
- Compatible plates/tubes: low-profile plates; Low-profile tubes with optical caps, either individual or 8-strip.
- Dimensions CFX96™ (WxDxH): 33 x 46 x 36 cm.
- Dimensions CFX96™ Opus (WxDxH): 33 x 56 x 36 cm.



## 3 Middleware communication software

### VIRCOM PCR

- One consolidated software for various molecular assays.
- This middleware is designed to streamline your workflow, serving as the central tool for template generation and results analysis, regardless of the extraction system you use.
- Compatible instruments: Bio-Rad CFX96™ and CFX96™ Opus (Maestro 1.1/2.0, Manager DX 3.1), Azure Biosystems Azure Cielo™ 6 Real-Time PCR system (Azure Cielo Manager 1.0.8.12) and QuantStudio 5 (QuantStudio™ Design and Analysis Software)..



Ref. VPCOM