

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 laboratory needs



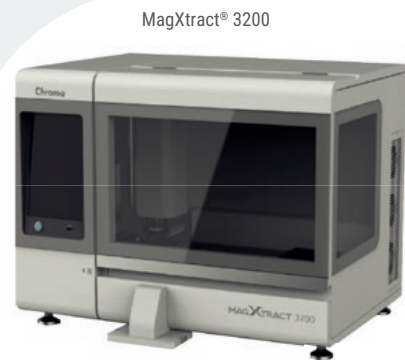
Viral Transport Medium

VTM

VIRAL TRANSPORT MEDIUM

Improve the quality of samples with a versatile medium.

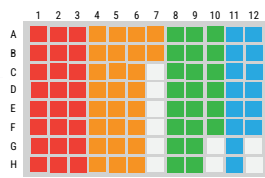
- **Versatile medium**, valid for different types of samples, microorganisms and diagnostic methods.
- Successfully used for **molecular based assays**.
- Avoids the **drying up** of the sample.
- Improves **microorganisms viability** between collection and laboratory testing.
- Decreases **bacterial 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, urethral/rectal/perianal exudates, urine and genital ulcers, stool samples, and plasma.
- **Predispensed generic/universal extraction reagents**.
- **Total traceability by barcode**: from clinical sample to RT-qPCR tube



VIRPLEX REALTIME PCR KITS

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 MOLECULAR

User friendly software for high multiplex molecular assays.

- With Vircom Molecular, multiple PCR kits can be performed using the same PCR protocol, enabling a comprehensive **syndromic diagnostic approach**.
- **Full integration** with the laboratory information system (LIS).
- **Automatic interpretation** of results in a simple and direct way with curves and Cts values.
- **Prevention of human errors** through:
 - Scanner-based automatic data entry.
 - Automated creation of templates with controls.
 - Expiration dates and batches included.
 - Colour code for easy identifications of positive and negative controls.
 - Result validation wizard.



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 ₀₁₂₃ IVDR	96 tests
STANDARD EXTRACTION TUBE	SE002	CE ₀₁₂₃ IVDR	96 tests

REAL-TIME PCR REAGENTS

DESCRIPTION		CAT. No	CLASS	PACK SIZE
 CNS infections	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
 Gastro	CLOSTRIDIUM DIFFICILE TOXINS REALTIME PCR KIT	RTPCR020-LP/RTPCR020-LPD	CE ₀₁₂₃ IVDR	48 tests / 96 tests
	GASTROPARASITES 1 REALTIME PCR KIT	RTPCR024-LP	CE ₀₁₂₃ IVDR	48 tests
	GASTROVIRUS REALTIME PCR KIT	RTPCR028-LP	CE ₀₁₂₃ IVDR	48 tests
	GASTROBACTERIA REALTIME PCR KIT	RTPCR029-LPD	CE ₀₁₂₃ IVDR	48 tests
 Vector borne	OROPOUCHE-MAYARO VIRUS REALTIME PCR KIT	RTPCR032-LP-R	RUO	24 tests
	ZIKV/DENV/CHIKV REALTIME PCR KIT	RTPCR004/RTPCR004-LP	CE ₀₁₂₃ IVDR	48 tests / 96 tests
	PLASMODIUM REALTIME PCR KIT*	RTPCR031-LP	CE ₀₁₂₃ IVDR	24 tests
 Mycobacterial infection	MBTC SPECIES REALTIME PCR KIT	RTPCR022-LP-R	RUO	24 tests
	MYCOBACTERIUM REALTIME PCR KIT	RTPCR016-LP/RTPCR016-LPD	CE ₀₁₂₃ IVDR	24 tests / 96 tests
 Respiratory infections	BORDETELLA REALTIME PCR KIT	RTPCR030-LP	CE ₀₁₂₃ IVDR	48 tests
	DIRECT SARS-COV-2 REALTIME PCR KIT	RTPCR002/RTPCR002-LPD	CE	96 tests
	PNEUMOCYSTIS JIROVECI REALTIME PCR KIT (quantitative)	RTPCR027-LP	CE ₀₁₂₃ 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 ₀₁₂₃ IVDR	96 tests
	SARS-COV-2 OMICRON SUBVARIANTS REALTIME PCR KIT	RTPCR019-LPD-R	RUO	96 tests
 STD	CT/NG/TV/MG REALTIME PCR KIT	RTPCR006/RTPCR006-LPD	CE	96 tests
	GENITAL ULCER REALTIME PCR KIT	RTPCR007-LPD	CE ₀₁₂₃ IVDR	48 tests
	MH/UU/UP REALTIME PCR KIT (quantitative)	RTPCR026-LP	CE ₀₁₂₃ 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 (semiquantitative)	RTPCR005-LPD	CE	48 tests
 Others	HEPATITIS DELTA REALTIME PCR KIT (quantitative)	RTPCR017-LP-R	RUO	24 tests

* Available soon

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	CE	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

Molecular diagnosis

1

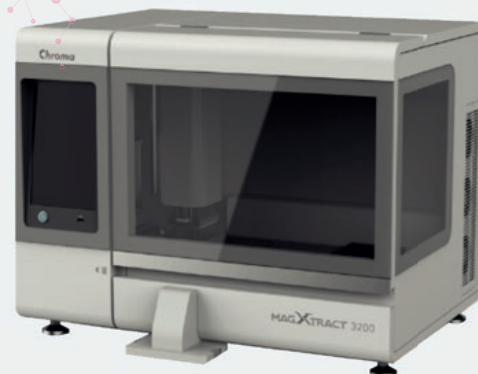
Automated nucleic acid extraction & PCR Setup for VIRPLEX Kits

MagXtract® 3200

CHROMA

Ref. MAGXTRACT3200

- Fully automated system for nucleic acid purification and PCR setup.
- Benchtop instrument for a true walk-away process.
- Low-to-medium throughput.
- Primary sample number and extraction capacity: Max. 32.
- Contamination prevention: HEPA filter and UV light.
- Complete traceability: Human errors elimination.
- Dimensions and weight: W 72 x D 53 x H 59 cm. 75 Kg (max).



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-or12-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 Molecular

- One consolidated software for various molecular assays.
- Automatic interpretation and validation of PCR results.
- Compatible instruments: Bio-Rad CFX96™ and CFX96™ Opus (Maestro 1.1/2.0, Manager DX 3.1) and Azure Biosystems Azure Cielo™ 6 Real-Time PCR system (Azure Cielo Manager 1.0.8.12).



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