

The art of being precise

Developing molecular solutions adapted to your needs

Vircell is a leading provider of independent controls for nucleic acid testing, specializing in infectious disease diagnostics. Using our expertise and advanced biological technology, we offer customized controls to meet your specific requirements.

CAPABILITIES AND CUSTOMIZATION

- Different molecular control types available:
 - Amplification control (purified genome)
 - Total control (complete microorganism)
- Choose your format:
 - Lyophilized or ready to use (frozen solution)
- Quantified references
- Inactivated, non-infectious material
- Several matrices at your disposal:
Neutral, Stool, Urine, Respiratory Swab, Vaginal, Sputum, CSF and more.
- Pre-screened negative matrices available.

PRODUCT USES

- For MDx test developers, R&D assay tools
- Quality control and laboratory accreditation
- Instrument validation, ensuring complete process control from extraction to results

Do you have a project in mind? You name it, we make it happen

With over 30 years in the IVD industry, and one of the largest BSLIII labs in Europe culturing over 950 strains of bacteria, viruses, fungi, yeast, and protozoa, we have significant production capacity to meet the most demanding requests.

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+200 PATHOGENS

PRODUCT OFFERING

DISEASE GROUP	MICROORGANISM	TYPE	
		AMPLIFICATION CONTROL	EXTRACTION & AMPLIFICATION CONTROLS
AMR	<i>Klebsiella pneumoniae</i> (NDM-1)	●	●
	<i>Enterococcus faecalis</i> (vanB)	●	●
	<i>Staphylococcus aureus</i> mecA+	●	●
CNS INFECTIONS + 10 references	<i>Cryptococcus neoformans</i>	●	●
	<i>Haemophilus influenzae</i>	●	● ●
	<i>Listeria monocytogenes</i>	●	● ●
FUNGAL INFECTIONS + 5 references	<i>Aspergillus fumigatus</i>	●	
	<i>Candida</i>	●	●
	<i>Candida auris</i>	●	●
GI INFECTIONS + 20 references	Rotavirus, Adenovirus, Astrovirus	●	● ●
	<i>Campylobacter jejuni</i>	●	●
	<i>Escherichia coli</i> EHEC, EIEC, EAEC, EPEC	●	●
NOSOCOMIAL INFECTIONS	<i>Enterobacter aerogenes</i>	●	●
	<i>Klebsiella oxytoca</i>	●	●
	<i>Serratia marcescens</i>	●	●
RESPIRATORY INFECTIONS + 25 references	<i>Bordetella</i>	●	● ●
	SARS-CoV-2	●	● ●
	RSV	●	● ●
	Parainfluenza virus 1-4	●	● ●
STD + 20 references	<i>Chlamydia trachomatis</i>	●	● ● ●
	<i>Mycoplasma genitalium</i>	●	● ●
	<i>Neisseria gonorrhoeae</i>	●	● ●
TORCH	Cytomegalovirus	●	●
	Rubella virus	●	
	Herpes simplex virus 1	●	● ● ● ● ●
	Herpes simplex virus 2	●	● ● ● ● ●
MYCOBACTERIAL INFECTIONS + 20 non-tuberculous species	<i>Mycobacterium tuberculosis</i>	●	●
	<i>M. tuberculosis</i> RIF resistant rpoB mutation (S531L)		●
	<i>M. tuberculosis</i> INH resistant katG mutation (S315T)		●
VECTOR TRANSMITTED INFECTIONS + other 25 zoonoses	Dengue virus (serotypes 1-4)	●	●
	Zika virus	●	●
	Chikungunya virus	●	●
OTHER INFECTIONS + 20 references	Coxsackie virus	●	●
	<i>Plasmodium falciparum</i>	●	●
	<i>Staphylococcus epidermidis</i>	●	●
NEGATIVE MATRICES	BAL MATRIX NEGATIVE CONTROL		
	CSF MATRIX NEGATIVE CONTROL		
	RESPIRATORY SWAB MATRIX NEGATIVE CONTROL		
	SPUTUM NEGATIVE CONTROL		
	STOOL MATRIX NEGATIVE CONTROL		
	URINE MATRIX NEGATIVE CONTROL		
	VAGINAL SWAB MATRIX NEGATIVE CONTROL		

MATRICES

- Neutral
- Plasma
- Swab
- Urine
- CSF
- Stool
- Exudate
- Sputum

Check the complete portfolio here



Format, panels and concentrations can be adapted to your specific needs.
Contact us for your customized solution at customsolutions@vircell.com