

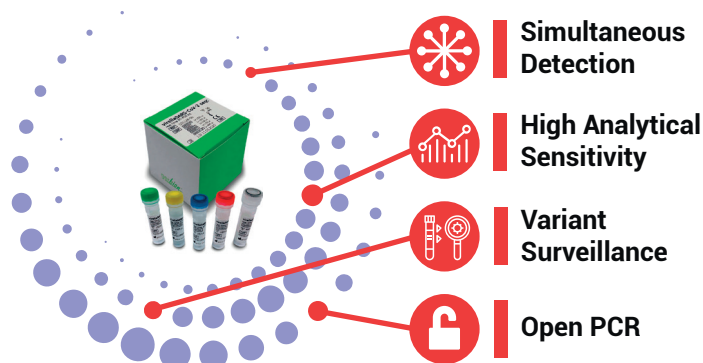


Your High-Sensitive molecular diagnostics partner

- Founded in Germany in 2003, Gerbion has established a very successful service branch in developing and producing in vitro diagnostics for detection of pathogens from **human, veterinary & environmental samples**.
- Multiplex real time PCR Kits were combined with multi purpose nucleic acid extraction kits. Gerbion **has been certified as in vitro diagnostics producer** according to **ISO 13485** since 2012.
- In 2019 Gerbion has started the international distribution in **125 countries on 5 continents** with the exclusive distribution partner **Linear Chemicals, SLU**.

Gerbion® Kits Features:

- Extraction control & sample quality control
 - control** Extraction Control, Control-RNA (Internal Process Control)
 - control** Sample Quality Control, Beta-Actin (Internal System Control)
- All kits include **Positive and Negative Controls**.
- Compatible on open PCR platforms, but are also the ideal choice for **LINEAR® Automated Nucleic Acid Extraction & qPCR NEOS Systems**



Gerbion® Test Panel:



Respiratory Infections

REF	Name	Description
VIRAL DISEASES		
G070MP1	virellaSARS-CoV-2 seqc real time RT-PCR 2.1	Multiplex for detection of RNA of SARS-CoV-2: RdRP gene and S gene, FAM; E gene, Cy5 channel.
G01137	virellaSARS-CoV-2 4G seqc	Multiplex for detection of RNA of SARS-CoV-2: RdRP gene and S gene, FAM channel; N gene and E gene, Cy5 channel.
G01133	respiraSC2 multi gene	Multiplex for detection of RNA of SARS-CoV-2: RdRP gene, FAM channel; E gene, ROX channel; S gene, Cy5 channel.
G01132	virellaSARS-CoV-2 mutant	Assay for the differentiation of SARS-CoV-2 lineages B.1.1.7 (Alpha), B.1.351 (Beta) and P.1 (Gamma).
G01136	virellaSARS-CoV-2 mutant 2	Assay for the for the detection of SARS-CoV-2 spike protein mutations, E484K, present in P.1 (Gamma) and B.1.351 (Beta), and N501Y, present in B.1.1.7 (Alpha), B.1.351 (Beta) and P.1 (Gamma).
G01138	virellaSARS-CoV-2 mutant 3	Assay for the detection of SARS-CoV-2 spike protein mutations, P681R, L452R, present in the Delta Variant (B.1.617.2), and N679K, P681H, present in the Omicron variant (B.1.1.529).
G01141	virellaSARS-CoV-2 mutant 4	Assay for the detection of SARS-CoV-2 spike protein mutations, G142D, Y145H, A222V, present in the lineage AY.4.2, Delta plus variant.
G01129	respiraScreen 1	Multiplex for detection of RNA of Influenza Virus (Flu A, Flu B), Respiratory Syncytial Virus (RSV A, RSV B) and SARS-CoV-2.
G01131	respiraScreen 2	Multiplex for detection of RNA of SARS-CoV-2, Influenza Virus A (Flu A) and Influenza Virus B (Flu B).

G01130	respiraSC2-FluA/B seqc	Multiplex for detection of RNA of SARS-CoV-2, S gene, RdRP gene, E gene (Reaction mix 1), and Influenza Virus (Flu A, Flu B)(Reaction mix 2).
G01084	respiraRNA 3.0	Multiplex for detection of RNA of Influenza Virus A (Flu A), Influenza Virus B (Flu B) and Respiratory Syncytial Virus (RSV).
G01143	respirascreen8plex	Multiplex for detection and differentiation of RNA of Influenza Virus (Flu A and Flu B), Respiratory Syncytial Virus (RSV A and RSV B) and SARS-CoV- 2 (E gene and S gene).

BACTERIAL | DISEASES

G01020	diarellaPanLegionella	Assay for the qualitative detection of Legionella spp. DNA in clinical specimens and environmental samples (e.g. water samples).
G01064	diarellaLegionella	Assay for the qualitative detection of Legionella pneumophila DNA in clinical specimens and environmental samples (e.g. water samples).
G01107	diarellaMTB	Assay for the qualitative detection of Mycobacterium tuberculosis complex (MTB) DNA in clinical specimens.
G01114	diarellaMTB/NTM/MAC	Assay for the qualitative detection of Mycobacterium tuberculosis complex (MTB), Non Tuberculous Mycobacteria (NTM) and Mycobacterium avium complex (MAC), extracted from biological samples.
G01109	diarellaBordetella	Assay for the qualitative detection of Bordetella pertussis and Bordetella parapertussis in clinical specimens.
G01101	diarellaGBS	Assay for the qualitative detection of Streptococcus agalactiae (Group B Streptococcus (GBS)) DNA in clinical specimens.



Gastrointestinal Diseases

ENTERIC VIRUSES

G01008	viarellaNoro TM	Multiplex for the qualitative detection of Norovirus RNA (genotype I and genotype II) in stool samples as well as in food and environmental samples.
G01086	gastroplex Virus	Multiplex for the qualitative detection of RNA from Norovirus (genotype I and genotype II), Adeno and Rotavirus in clinical specimens, environmental and food samples
G01113	gastroplexVirus PLUS 2.0	Multiplex for the qualitative detection of RNA from Rotavirus, Norovirus (genotype I and genotype II), Sapovirus, Astrovirus, and DNA from Adenovirus in clinical specimens, environmental, and food samples.
G01147	diarellaC.difficile	Qualitative detection of the nucleic acid of Clostridium difficile toxin A and Clostridium difficile toxin B in eluates from biological specimen.

ENTEROVIRUSES

G01020	viarellaEntero 2.0 TM	Multiplex for the qualitative detection of RNA from Enterovirus, Coxsackievirus, Echovirus, and Poliovirus in clinical specimens and environmental samples.
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Encephalitis and Vector-borne Diseases

VIRAL | DISEASES

G01135	viarellaWNV	Assay for the qualitative detection of RNA of West Nile Virus (WNV) (Lineage 1 and 2) extracted from biological specimens.
G01066	viarellaTBE TM	Multiplex for the qualitative detection of tick-borne encephalitis virus (TBEV) RNA extracted from clinical specimens and ticks.
G01115	viarellaTBEV/WNV	Multiplex for the qualitative detection of tick-borne encephalitis virus (TBEV) RNA and West Nile Virus (WNV) (Lineage 1 and 2) RNA, extracted from biological specimens.
G01116	viarellaTropica 1	Multiplex for the qualitative detection of RNA from Zika Virus and Yellow Fever Virus (Reaction mix 1) and Chikungunya Virus and Dengue Viruses 1-4 (Reaction mix 2) in clinical specimens.

BACTERIAL AND PARASITIC | INFECTIONS

G01106	diarella Q fever	Assay for the qualitative detection of Coxiella burnetii (Q-Fever) DNA extracted from clinical specimens and ticks.
G01062	diarellaBorrelia	Assay for the qualitative detection of Borrelia burgdorferi sensu lato DNA extracted from clinical specimens and ticks.

G01122	diarellaBorrelia/Rickettsia	Assay for the qualitative detection of Borrelia burgdorferi sensu lato DNA and Rickettsia spp. DNA extracted from biological specimens and ticks.
G01118	diarellaRickettsia	Assay for the qualitative detection of Rickettsia spp. DNA extracted from biological specimens.
G01045	diarellaEhrlichia	Assay for the detection of Ehrlichia and Anaplasma DNA extracted from clinical specimens and ticks.
G01053	diarellaBabesia	Detection of DNA of Babesia divergens, Babesia microti and Babesia sp. EU1 (Babesia venatorum) extracted from clinical specimens and ticks.



Immunodeficiency and Antimicrobial Resistance

VIRAL | DISEASES

G01116	virellaHSV/VZV	Multiplex for the qualitative detection of DNA of Herpes Simplex Virus Type 1 (HSV-1), Herpes Simplex Virus Type 2 (HSV-2) and Varicella Zoster Virus (VZV) extracted from biological specimens.
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ANTIMICROBIAL RESISTANCE

G01100	diarellaMRSA 3.0	Assay for the qualitative detection of Methicillin Resistant Staphylococcus aureus (MRSA) DNA in clinical specimens.
G01120	diarellaPVL MRSA	Multiplex for the qualitative detection of Methicillin Resistant Staphylococcus aureus (MRSA) DNA and the differentiation of Community-acquired and Hospital-acquired MRSA.



Sexually Transmitted Disease

G01144	diarellaSTI-1	Multiplex for detection and differentiation of the DNA of Chlamydia trachomatis, Neisseria gonorrhoeae and Mycoplasma genitalium.
G01145	diarellaSTI-2	Multiplex for detection and differentiation of the DNA of Trichomonas vaginalis, Ureaplasma parvum, Ureaplasma urealyticum and Mycoplasma hominis.
G01146	diarellaBV-1	Multiplex for detection and quantification of the DNA of Gardnerella vaginalis, Atopobium vaginae and Lactobacillus specie.



Veterinary

VIRAL | DISEASES

G01124	virellaCSFV seqc	Assay for the detection of RNA of Classical Swine Fever Virus (CSFV) and internal controls in eluates of single or pooled samples from pigs and boars.
G01123	virelaASFV seqc	Assay for the detection of DNA of African Swine Fever Virus (ASFV) and internal controls in eluates of single or pooled biological samples from pigs and boars.
G01112	SwineFever combi	Multiplex for the detection of African Swine Fever Virus (ASFV), Classical Swine Fever Virus (CSFV) and an internal control from biological samples from pigs and boars.
G01105	respiPig 1	Multiplex for the detection of RNA from Porcine Reproductive and Respiratory Syndrome Viruses, Influenza Viruses Type A, and the DNA of Mycoplasma hyopneumoniae.
G01079	virellaBVDV 2.0	Assay for the detection of Bovine Viral Diarrhea virus (BVDV) RNA in single or pool biological samples from cattle.
G01102	virellaPRRSV	Multiplex for the detection of Porcine Reproductive and Respiratory Syndrome Viruses (PRRSV).
G01080	virellaSBV	Assay for the detection of Schmallenberg virus (SBV) RNA in blood and tissue samples from ruminants (cattle, sheep and deer).

BACTERIAL | DISEASES

G01099	diarella MAP vet	Assay for the detection of DNA of Mycobacterium avium subsp. paratuberculosis (MAP) in eluates of single or pooled faecal samples from cattle and small ruminants (sheep, goats), sock samples and culture samples.
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G01126	diarella bTB seqc	Multiplex for detection of DNA of Mycobacterium bovis and Mycobacterium caprae.
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Nucleic Acid Extraction Kits

Magnetic beads-based purification

G05012	NukEx Mag RNA/DNA	Designed for rapid manual and automated purification using magnetic beads of nucleic acids from a wide range of samples (e.g. human samples, veterinary samples, insects, food samples, etc.).
G05024	NukEx Mag Extreme SC	Designed for use with tissue homogenizers for mechanical disruption of samples and subsequent purification of nucleic acids using magnetic beads. Rapid manual and automated extraction of nucleic acids from a wide range of difficult samples (e.g. human samples, veterinary samples, insects, food samples, etc.).
G05025	NukEx Mag Extreme SL	
G05027	NukEx Virus	The prepacked extraction kit allows the extraction of 1 - 32 samples simultaneously via Neos-32 XT Nucleic Acid Extraction System.
G05029		The prepacked extraction kit allows the extraction of 1 - 96 samples simultaneously via Neos-96 XT Nucleic Acid Extraction System.

Column-Based Nucleic Acid Purification

G05004	NukEx Pure RNA/DNA	Designed for rapid manual purification of nucleic acids from a wide range of samples (e.g. human samples, veterinary samples, insects, food samples, etc.).
G05022	NukEx Extreme SC	Designed for use with tissue homogenizers for mechanical disruption of samples and subsequent purification of nucleic acids using spin columns. Rapid extraction of nucleic acids from a wide range of difficult samples (e.g. human samples, veterinary samples, insects, food samples, etc.).
G05023	NukEx Extreme SL	

Binding-Free Nucleic Acid Release

G01013	NukEx Nucleic Acid Release Reagent	For the enzymatic release of nucleic acid from tissue samples, ticks, insects and swabs.
G01073	NukEx PLUS	For the enzymatic release of DNA from bacterial cultures and swabs.



Accessories, Components and Enzymes

G070MP2	Color Compensation Kit SARS-CoV2	Color Compensation for the use of virellaSARS-CoV-2 seqc realtime RT-PCR on LightCycler® 480 II Instruments
G070MP1	Color Compensation Kit Multiplex 1	Color Compensation for the LightCycler® 480 II Instruments.
G06008	NukEx Collection Tubes	NukEx Collection Tubes.
G07001	Proteinase K	Proteinase K Molecular biology grade. For general laboratory use. For in vitro use only. [1 x 50 mg].
G07019		Proteinase K Molecular biology grade. For general laboratory use. For in vitro use only. [1 x 200 mg].
G07021		Proteinase K Molecular biology grade. For general laboratory use. For in vitro use only. [1 x 800 mg]
G07001	VLP-RNA	Virus Like Particles RNA. For general laboratory use. For in vitro use only.
G07012	VLP-DNA	Virus Like Particles DNA. For general laboratory use. For in vitro use only.
G07013	BLP-DNA	Bacteria Like Particles. For general laboratory use. For in vitro use only.

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