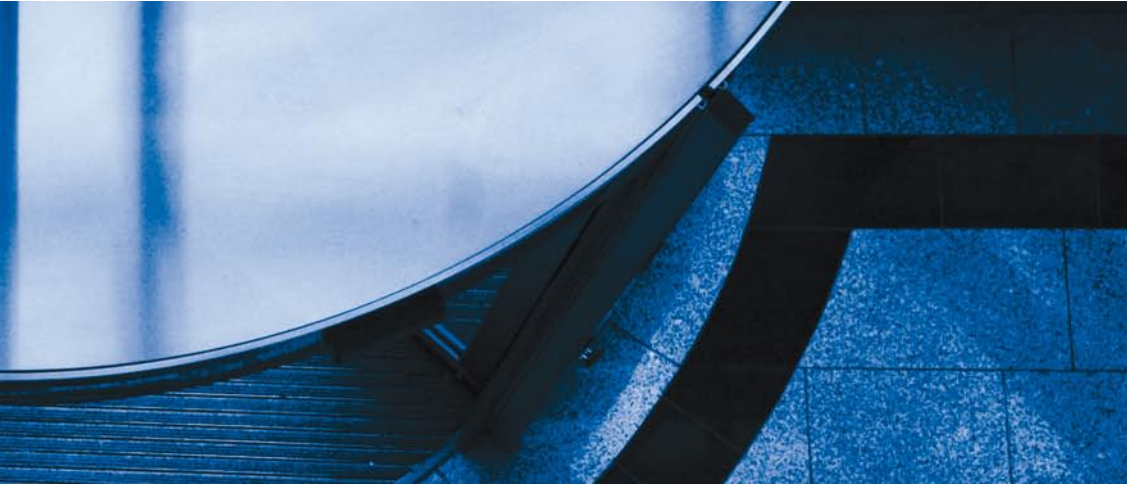


MIKROGEN

DIAGNOSTIK



Product Catalogue

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please visit our website
www.mikrogen.de

Certificate

mdc medical device certification GmbH
certifies that

Mikrogen GmbH
Floriansbogen 2 - 4
82061 Neuried
Germany

with the locations listed in the attachment
for the scope

**development, production and distribution of in vitro diagnostics for
cell-based determination of the immune status , serological and molecular
diagnosis of viral and bacterial infectious and other diseases
production and distribution of raw material for the diagnostic industry**
has introduced and applies a

Quality Management System

The mdc audit has proven that this quality management system
meets all requirements of the following standard

EN ISO 13485

Medical devices – Quality management systems –
Requirements for regulatory purposes

EN ISO 13485:2016 • AC 2018 • A11 2021 • ISO 13485:2016

Valid from	2023-01-24
Valid until	2023-11-15
Registration no.	D1060600056
Report no.	P22-01129-258513
Stuttgart	2023-01-24


Head of Certification Body



mdc medical device certification GmbH
Kraussplatz 2/30-0
D-70191 Stuttgart, Germany
Phone: +49 7141 2538977
Fax: +49 7141 2538977
Internet: <http://www.mdc-c.com>



Your partner of choice

Since over 30 years, MIKROGEN has been a global provider of system solutions for medical laboratory diagnostics. The company's success factors are the combination of excellent genetic engineering know-how with scientific background and consistent customer orientation. MIKROGEN offers a wide range of system solutions for the indirect detection (antibodies, T cell response) and direct detection (PCR, antigens) of pathogens. The company is based close to Munich (Germany) and is focused on serology and molecular diagnostics in the field of infectious diseases as well as autoimmune and cancer diseases. Our highly skilled and experienced employees are the key to the success of MIKROGEN. To improve the performance of clinical diagnostics constantly, more than 130 staff members work continuously on the implementation of latest scientific results. We own various patents particularly for *Borrelia burgdorferi*, Parvovirus B19, *Yersinia* and HCV antigens.

MIKROGEN maintains worldwide research and development cooperations with various companies, scientific institutions and reference laboratories. Our customers benefit directly from MIKROGEN's intensive scientific knowledge. MIKROGEN forwards directly all latest scientific findings into the company's research and development, resulting in a continuous improvement of all MIKROGEN tests.

Quality

Our QM system is certified according to DIN EN ISO 13485. MIKROGEN's products are CE-marked and meet the high standards of the European directive 98/79/EC on *in vitro* diagnostic medical devices. The company's QM system guarantees the fulfilment of highest quality demands.

Products

Detection	Product line	Class
Antibody	Strip, Line Assay	<i>recomLine</i> <i>NovaLine</i> ®
	Strip, Western Blot	<i>recomBlot</i>
	ELISA	<i>recomWell</i> <i>NovaLisa</i> ®
	<i>Luminex</i> ®, Bead	<i>recomBead</i>
DNA, RNA, Cytokines	DNA- & RNA-Extraktion	<i>alphaClean</i>
	Real Time PCR	<i>alphaCube</i> <i>ampliCube</i>
	T-Cell Diagnostics	<i>T-Track</i> ®
Antigen	ELISA	<i>recomWell</i>
	<i>Luminex</i> ®, Bead	<i>recomBead</i>

* Information about the article numbers ending with an X (*NovaLisa*®) MIKROGEN can offer various customized variants of the *NovaLisa*® tests. For more detailed information, please contact your competent representative.

SEROLOGY

Bacterial Infections

Bartonella

NovaLisa® Bartonella IgG

96 det. 810300X

Enzyme immunoassay for the detection of specific IgG, IgM or IgA antibodies against Bartonella in human serum or plasma.

Bordetella pertussis

recomLine Bordetella pertussis IgG

20 det. 5772

S recomLine Bordetella pertussis IgA

20 det. 5773

Both tests use native Pertussis Toxin (PT) as well as recombinant filamentous hemagglutinin (FHA). The *recomLine* Bordetella pertussis IgG, IgA tests are suited for the confirmation of screening results, PCR and culture findings. **NEW:** *Bordetella pertussis* diagnostics standardized according to WHO.

recomBead Bordetella pertussis IgG 2.0

96 det. 5754

recomBead Bordetella pertussis IgA 2.0

96 det. 5755

L The *recomBead* Bordetella pertussis IgG 2.0, IgA 2.0, on the basis of the Luminex® multiplex technology, is a quantitative and qualitative in vitro test for the detection of IgG and IgA antibodies against the Bordetella Pertussis toxin (PT) and the filamentous hemagglutinin (FHA) of Bordetella spec. The quantitative values are stated in international units per ml (IU/ml) and were calibrated against the corresponding IgG and IgA WHO standards.

NovaLisa® Bordetella pertussis IgG

96 det. 810203X

NovaLisa® Bordetella pertussis IgM

96 det. 810269X

E NovaLisa® Bordetella pertussis IgA

96 det. 810204X

Enzyme immunoassay for the detection of specific IgG, IgM or IgA antibodies against Bordetella pertussis in human serum or plasma.

NovaLisa® Bordetella pertussis toxin (PT) IgG

96 det. 810273X

E NovaLisa® Bordetella pertussis toxin (PT) IgA

96 det. 810274X

Quantitative enzyme immunoassay for measuring pertussis toxin (PT) antigens, suitable for screening to detect an acute infection, measurements in IU/ml (WHO).

Borrelia burgdorferi and CXCL13

recomLine Borrelia IgG

20 det. 4272

recomLine Borrelia IgM

20 det. 4273

S recomLine Borrelia IgG

200 det. 4276

recomLine Borrelia IgM

200 det. 4277

Only the *recomLine* Borrelia detects antibodies against all five of the so far known as immunopathogenic genospecies (*Borrelia burgdorferi sensu stricto*, *Borrelia garinii*, *Borrelia afzelii*, *Borrelia spielmanii* and *Borrelia bavariensis*) on one single test strip.

recomWell Borrelia IgG

96 det. 4204

E recomWell Borrelia IgM

96 det. 4205

The *recomWell* Borrelia is the only EIA system that allows the detection of antibodies against all three genospecies, *Borrelia burgdorferi sensu stricto*, *Borrelia garinii* and *Borrelia afzelii* can in one test run.

Size Article No.

	recomBead Borrelia IgG 2.0	96 det.	4254
	recomBead Borrelia IgM 2.0	96 det.	4255
L	The modern Lumindex® Multiplex technology integrates the advantages of ELISA and strip assay: Quantitative determination of antibodies against single antigens. The <i>recomBead Borrelia 2.0</i> detects antibodies against all four of the so far known as immunopathogenic genospecies (<i>Borrelia burgdorferi sensu stricto</i> , <i>Borrelia garinii</i> , <i>Borrelia afzelii</i> and <i>Borrelia spielmanii</i>) in one single assay.		
	recomBead CXCL13 (PART A CXCL13)*	96 det.	7754
L	recomBead CXCL13 (PART B CXCL13)*	96 det.	27702
	The <i>recomBead CXCL13</i> is a fluorescence-based particle immunoassay for the quantitative detection of CXCL13/BLC (BLC = B lymphocyte chemoattractant) in human cerebrospinal fluid. * Both packing units are matched to each other. Please always order both packing units simultaneously in equal amounts.		

Brucella

	NovaLisa® Brucella IgG	96 det.	810252X
E	NovaLisa® Brucella IgM	96 det.	810253X
	Enzyme immunoassay for the detection of specific IgG or IgM antibodies against <i>Brucella</i> in human serum or plasma.		

Campylobacter

	recomLine Campylobacter IgG	20 det.	6272
S	recomLine Campylobacter IgA	20 det.	6273
	<i>recomLine Campylobacter</i> offers the detection of IgG and IgA antibodies against immunodominant antigens of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> and therefore ideally supports the identification of <i>Campylobacter</i> induced immunopathological complications.		
	recomWell Campylobacter IgG	96 det.	6204
E	recomWell Campylobacter IgA	96 det.	6205
	<i>recomWell Campylobacter</i> offers the determination of IgG and IgA antibodies against immunodominant antigens of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> and is suited for screening for post infectious complications.		

Chlamydia

	recomLine Chlamydia IgG	20 det.	6172
S	recomLine Chlamydia IgA [IgM]*	20 det.	6173
	<i>recomLine Chlamydia</i> offers the determination of the immune response against all three humanopathogenic <i>Chlamydia</i> species, <i>C. trachomatis</i> , <i>C. pneumoniae</i> and <i>C. psittaci</i> , in one single approach. The test is designed as confirmatory assay, but can also be used for screening purposes. * For the detection of IgM antibodies please order in addition to the <i>recomLine Chlamydia IgA</i> the respective IgM conjugate: Anti human conjugate IgM (Article No. 10015).		
	NovaLisa® Chlamydia pneumoniae IgG	96 det.	810208X
E	NovaLisa® Chlamydia pneumoniae IgM	96 det.	810209X
	NovaLisa® Chlamydia pneumoniae IgA	96 det.	810210X
	Enzyme immunoassay for the detection of specific IgG, IgM or IgA antibodies against <i>Chlamydia pneumominae</i> in human serum or plasma.		
	NovaLisa® Chlamydia trachomatis IgG	96 det.	810272X
E	NovaLisa® Chlamydia trachomatis IgM	96 det.	810271X
	NovaLisa® Chlamydia trachomatis IgA	96 det.	810270X
	Enzyme immunoassay for the detection of specific IgG, IgM or IgA antibodies against <i>Chlamydia trachomatis</i> in human serum or plasma.		

		Size	Article No.
	recomWell Chlamydia pneumoniae IgG	96 det.	6104
	recomWell Chlamydia pneumoniae IgM	96 det.	6105
E	recomWell Chlamydia pneumoniae IgA	96 det.	6106
	Enzyme immunoassay based on Chlamydia pneumoniae specific antigen (COMC) for the detection of IgG, IgM or IgA antibodies against Chlamydia pneumoniae in human serum and plasma.		

	recomWell Chlamydia trachomatis IgG	96 det.	6904
E	recomWell Chlamydia trachomatis IgA	96 det.	6905
	Species specific, recombinant Chlamydia trachomatis antigens TARP and CPAF besides the proven MOMP significantly reduce cross reactivities with C. pneumoniae.		

Coxiella burnetii (Q-Fever)

	NovaLisa® Coxiella burnetii (Q-Fever) Phase 1 IgG	96 det.	810257X
E	Enzyme immunoassay for the detection of specific IgG antibodies against <i>Coxiella burnetii</i> Phase 1 (Q-Fever) in human serum or plasma.		
	NovaLisa® Coxiella burnetii (Q-Fever) Phase 2 IgG	96 det.	810258X
E	NovaLisa® Coxiella burnetii (Q-Fever) Phase 2 IgM	96 det.	810259X
	Enzyme immunoassay for the detection of specific IgG or IgM antibodies against <i>Coxiella burnetii</i> Phase 2 (Q-Fever) in human serum or plasma.		

Diphtheria (Corynebacterium diphtheriae)

	NovaLisa® Corynebacterium diphtheriae toxin IgG	96 det.	810213X
E	Enzyme immunoassay for the detection of specific IgG antibodies against <i>Corynebacterium diphtheriae</i> toxin (4 calibrators; WHO standardised) in human serum or plasma.		
	NovaLisa® Corynebacterium diphtheriae toxin 5S IgG	96 det.	810214X
E	Enzyme immunoassay for the detection of specific IgG antibodies against <i>Corynebacterium diphtheriae</i> toxin (5 calibrators; WHO standardised) in human serum or plasma.		
	NovaLisa® Corynebacterium diphtheriae toxin 5S IgG plus	96 det.	810215X
E	Enzyme immunoassay for the detection of specific IgG antibodies against <i>Corynebacterium diphtheriae</i> toxin (5 calibrators and 1 control; WHO standardised) in human serum or plasma.		

Helicobacter pylori

	recomLine Helicobacter IgG 2.0	20 det.	4774
	recomLine Helicobacter IgA 2.0	20 det.	4775
S	With the <i>recomLine</i> Helicobacter 2.0 the safe detection of H.pylori infections by use of recombinant antigens CagA, VacA, GroEL, FliD, HpaA, gGT, HtrA, NapA, HP231 and CtkA as well as differentiation of type I and type II strains on the basis of CagA antibodies is possible.		
	recomWell Helicobacter IgG	96 det.	4704
E	recomWell Helicobacter IgA	96 det.	4705
	The antigens used in the <i>recomWell</i> Helicobacter are produced by means of genetical engineering. An optimal presentation without other disturbing or cross reacting proteins is achieved.		

Legionella pneumophila

	NovaLisa® Legionella pneumophila IgG	96 det.	810280X
E	NovaLisa® Legionella pneumophila IgM	96 det.	810281X
	Enzyme immunoassay for the detection of IgG or IgM antibodies against Legionella pneumophila in human serum or plasma.		

Leptospira

	NovaLisa® Leptospira IgG	96 det.	810278X
E	NovaLisa® Leptospira IgM	96 det.	810279X

Enzyme immunoassay for the detection of IgG or IgM antibodies against *Leptospira* in human serum or plasma.

Mycoplasma

	NovaLisa® Mycoplasma pneumoniae IgG	96 det.	810232X
	NovaLisa® Mycoplasma pneumoniae IgM	96 det.	810233X
E	NovaLisa® Mycoplasma pneumoniae IgA	96 det.	810234X

Enzyme immunoassay for the detection of IgG, IgM or IgA antibodies against *Mycoplasma pneumoniae* in human serum or plasma.

Tetanus

	NovaLisa® Clostridium tetani toxin IgG	96 det.	810242X
E	Enzyme immunoassay for the detection of specific IgG antibodies against <i>Clostridium tetani toxin</i> (4 calibrators; WHO standardised) in human serum or plasma.		
	NovaLisa® Clostridium tetani toxin 5S IgG	96 det.	810243X
E	Enzyme immunoassay for the detection of specific IgG antibodies against <i>Clostridium tetani toxin</i> 5 calibrators; WHO standardised) in human serum or plasma.		
	NovaLisa® Clostridium tetani toxin 5S IgG plus	96 det.	810244X
E	Enzyme immunoassay for the detection of specific IgG antibodies against <i>Clostridium tetani toxin</i> (5 calibrators and 1 control; WHO standardised) in human serum or plasma.		

Treponema pallidum

	recomLine Treponema IgG	20 det.	5172
	recomLine Treponema IgM	20 det.	5173
S	recomLine Treponema IgG	100 det.	5170
	recomLine Treponema IgM	100 det.	5179

The *recomLine* Treponema is used as confirmatory assay subsequently to equivocal or positive screening results. This test is a superior alternative to ordinary confirmatory tests. Additional safety due to new antigens Tp257 (Gpd) and Tp453 with high specificity for *Treponema pallidum*.

	recomWell Treponema IgG	96 det.	5104
E	recomWell Treponema IgM	96 det.	5105

The specific *Treponema* antigens used in the *recomWell* Treponema IgG/IgM are produced by means of genetical engineering. An optimal presentation without other disturbing or cross reacting proteins is achieved.

	recomBead Treponema IgG 2.0	96 det.	5154
L	recomBead Treponema IgM 2.0	96 det.	5155

The Luminex® based *recomBead* Treponema IgG 2.0, IgM 2.0 is a qualitative in vitro test for the detection of antibodies against *Treponema pallidum* in human serum and plasma. It includes six specific, recombinant *Treponema* antigens which are separately coupled to magnetic beads with different fluorescence coding.

Yersinia

	recomLine Yersinia IgG 2.0	20 det.	4672
	recomLine Yersinia IgA [IgM]* 2.0	20 det.	4673
	recomLine Yersinia IgG 2.0	200 det.	4676
S	recomLine Yersinia IgA [IgM]* 2.0	200 det.	4677

The *recomLine Yersinia* allows the detection of long passed infections and a serological differentiation between a *Y. enterocolitica* and *Y. pseudotuberculosis* infection. The test therefore is an ideal support for the identification of *Yersinia* induces immunopathological complications (e.g. Reactive Arthritis) and chronic yersinioses.

* For the detection of IgM antibodies please order in addition to the *recomLine Yersinia IgA* the respective IgM conjugate: Anti human conjugate IgM (Article No. 10015).

	recomWell Yersinia IgG	96 det.	4604
	recomWell Yersinia IgA	96 det.	4606
E	recomWell Yersinia IgM	96 det.	4605

The *recomWell Yersinia* allows the detection of long past infections. Therefore the test is an ideal support for the identification of *Yersinia* induced immunopathological complications and chronic yersiniosis.

	recomBead Yersinia IgG 2.0	96 det.	4654
	recomBead Yersinia IgA [IgM]* 2.0	96 det.	4655

L The *recomBead Yersinia* allows the detection of long passed infections and a serological differentiation between a *Y. enterocolitica* and *Y. pseudotuberculosis* infection. The test therefore is an ideal support for the identification of *Yersinia* induces immunopathological complications (e.g. Reactive Arthritis) and chronic yersinioses.

* For the detection of IgM antibodies please order in addition to the *recomBead Yersinia IgA 2.0* the respective IgM conjugate: Anti human conjugate IgM 2.0 (MagPlex®) (Article No. 11025).

Viral Infections

Adenovirus

	NovaLisa® Adenovirus IgG	96 det.	810200X
	NovaLisa® Adenovirus IgM	96 det.	810201X
E	NovaLisa® Adenovirus IgA	96 det.	810202X

Enzyme immunoassay for the detection of specific IgG, IgM or IgA antibodies against Adenovirus in human serum or plasma.

Bunyaviruses: Hanta- and Sandfly fever Virus

	recomLine HantaPlus IgG	20 det.	7672
	recomLine HantaPlus IgM	20 det.	7673

S Strip-Immunoassay with antigens produced by recombinant techniques for the detection of IgG and IgM antibodies against Hantavirus (serotypes Puumala (PuN), Sin Nombre (SinN), Hantaan (HaN), Dobrava (DobN) and Seoul (SeoN)) as well as Sandfly fever Virus (SFFV) serotypes Toscana and Sicilian.

	NovaLisa® Hantavirus IgG	96 det.	810286X
E	NovaLisa® Hantavirus IgM	96 det.	810287X

Enzyme immunoassay for the detection of specific IgG or IgM antibodies against Hantavirus in human serum or plasma.

Coronaviruses: SARS-CoV-2

NEW	recomLine SARS-CoV-2 IgG [Avidität]*	20 det.	7374
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S Strip immunoassay with antigens produced by recombinant techniques for the detection of IgG antibodies against SARS-CoV-2 coronavirus and seasonal coronavirus (HCoV) in human serum or plasma. An avidity determination SARS-CoV-2-specific IgG antibodies provides additional information on the quality of the antibodies.

*For the avidity determination of anti-SARS-CoV-2 IgG antibodies using the *recomLine SARS-CoV-2 IgG*, please order additionally the avidity reagent (Article no. 11010).

		Size	Article No.
NEW	recomWell SARS-CoV-2 IgG	96 det.	7304
	recomWell SARS-CoV-2 IgA	96 det.	7305
E	Enzyme immunoassay using recombinantly produced antigens for the detection of IgG and IgA antibodies against Coronavirus SARS-CoV-2 in human serum or plasma.		

Chikungunya Virus

	NovaLisa® Chikungunya Virus IgG capture	96 det.	810255X
E	NovaLisa® Chikungunya Virus IgM μ-capture	96 det.	810256X
	Enzyme immunoassay for the detection of specific IgG or IgM antibodies against Chikungunya virus in human serum or plasma.		

Cytomegalovirus (CMV)

	recomLine CMV IgG [Avidity]*	20 det.	5572
S	recomLine CMV IgM	20 det.	5573
	The <i>recomLine</i> CMV is used for confirmation of unclear CMV screening results. The use of phasespecific antigens in this Line immunoassay allows the reliable determination of the state of infection. * To determine the avidity of anti-CMV IgG antibodies please order avidity reagent additionally (Article No. 11010).		

	recomLine TORCH screening IgG	20 det.	6472
	recomLine TORCH screening IgM	20 det.	6473
S	The <i>recomLine</i> TORCH Screening assay is a qualitative test for the determination of IgG or IgM antibodies against <i>Toxoplasma gondii</i> , rubella virus, cytomegalo virus and herpes simplex virus. A special feature of the <i>recomLine</i> TORCH Screening IgG is the use of phase specific recombinant antigens for <i>Toxoplasma</i> and CMV as well as type specific gG2 for HSV-2 in addition to the common lysate antigens, which enables a differentiated diagnosis of the infection in the first step analysis.		

	NovaLisa® Cytomegalovirus (CMV) IgG	96 det.	810211X
E	NovaLisa® Cytomegalovirus (CMV) IgM	96 det.	810212X
	Enzyme immunoassay for the detection of specific IgG or IgM antibodies against Cytomegalovirus (CMV) in human serum or plasma.		
E	NovaLisa® Avidity Cytomegalovirus (CMV) IgG	96 det.	810294X
	Enzyme immunoassay intended to indicate the CMV-specific IgG avidity in human serum or plasma to differentiate between acute and past infection.		

Dengue Virus

	NovaLisa® Dengue Virus IgG	96 det.	810260X
E	NovaLisa® Dengue Virus IgM	96 det.	810261X
	NovaLisa® Dengue Virus IgM μ-capture	96 det.	810282X
	Enzyme immunoassay for the detection of specific IgG or IgM antibodies against Dengue virus in human serum or plasma.		

Epstein-Barr Virus (EBV)

	recomLine EBV IgG [Avidity]* [IgA]*	20 det.	4572
	recomLine EBV IgM	20 det.	4573
	recomLine EBV IgG [Avidity]* [IgA]*	200 det.	4576
S	recomLine EBV IgM	200 det.	4577
	The <i>recomLine</i> EBV detects separately all relevant EBV antibodies in one single approach. More than 95 % of all past EBV infections can be correctly identified with the IgG strip only. * For the determination of the avidity of anti EBV IgG antibodies with the <i>recomLine</i> EBV IgG, please order in addition our avidity reagent (Article No. 11010). For the detection of IgA antibodies please order in addition to the <i>recomLine</i> EBV IgM the respective IgA conjugate: Anti human conjugate IgA (Article No. 10016).		

		Size	Article No.
	recomWell EBV EBNA IgG	96 det.	7104
	recomWell EBV VCA IgG	96 det.	7204
	recomWell EBV EA IgG	96 det.	7004
E	recomWell EBV IgM	96 det.	7205
	Safe detection of past infections with the <i>recomWell EBV EBNA IgG</i> due to the very high specificity of the diagnostic EBV key antigen EBNA-1. Detection of primary EBV infections already in the early phase due to the optimised antigen composition of the <i>recomWell EBV VCA IgG</i> and <i>recomWell EBV IgM</i> test systems. No Rheumatoid factor treatment in the <i>recomWell IgM</i> test system necessary.		
	recomBead EBV IgG 2.0	96 det.	4554
L	recomBead EBV IgM 2.0	96 det.	4555
	The <i>recomBead EBV 2.0</i> detects separately all relevant EBV antibodies in one single approach. Safe detection of past infections with the <i>recomBead EBV IgG 2.0</i> due to the very high specificity of the diagnostic EBV key antigen EBNA-1. Detection of primary EBV infections already in the early phase due to the optimised antigen composition of both test systems.		

Hepatitis C Virus (HCV)

	recomLine HCV IgG	20 det.	4372
S	The <i>recomLine HCV IgG</i> assay is using only recombinant antigens from the region Core, NS3, NS4 and NS5 and allows an easy and a reliable confirmation of HCV screening results.		

Hepatitis E Virus (HEV)

	recomLine HEV IgG/IgM	20 det.	5072
S	recomLine HEV IgG/IgM	100 det.	5070
	The <i>recomLine HEV IgG/IgM</i> uses purified recombinant antigens, thus guaranteeing reproducible high sensitivity and specificity.		
	recomWell HEV IgG	96 det.	5004
E	recomWell HEV IgM	96 det.	5005
	The <i>recomWell HEV IgG, IgM</i> tests use purified recombinant antigens, thus guaranteeing reproducible high sensitivity and specificity. NEW: With HEV genotype 3.		

Herpes simplex Virus (HSV)

	recomLine HSV-1 & HSV-2 IgG	20 det.	5372
S	The <i>recomLine HSV-1 & HSV-2 IgG</i> uses purified, sub type specific recombinant gG1 (HSV-1) and gG2 (HSV-2) antigens and therefore assures the correct differentiation between an HSV-1 and HSV-2 infection.		
	recomLine TORCH screening IgG	20 det.	6472
	recomLine TORCH screening IgM	20 det.	6473
S	The <i>recomLine TORCH Screening</i> assay is a qualitative test for the determination of IgG or IgM antibodies against <i>Toxoplasma gondii</i> , rubella virus, cytomegalo virus and herpes simplex virus. A special feature of the <i>recomLine TORCH Screening IgG</i> is the use of phase specific recombinant antigens for <i>Toxoplasma</i> and CMV as well as type specific gB2 for HSV-2 in addition to the common lysate antigens, which enables a differentiated diagnosis of the infection in the first step analysis.		
	NovaLisa® Herpes simplex Virus 1+2 (HSV) IgG	96 det.	810216X
E	NovaLisa® Herpes simplex Virus 1+2 (HSV) IgM	96 det.	810217X
	Enzyme immunoassay for the detection of specific IgG or IgM antibodies against HSV-1 and HSV-2 in human serum or plasma.		
	NovaLisa® Herpes simplex Virus 1 (HSV 1) IgG	96 det.	810218X
E	NovaLisa® Herpes simplex Virus 1 (HSV 1) IgM	96 det.	810219X
	Enzyme immunoassay for the detection of specific IgG or IgM antibodies against HSV-1 in human serum or plasma.		

	Size	Article No.
NovaLisa® Herpes simplex Virus 2 (HSV 2) IgG	96 det.	810220X
E NovaLisa® Herpes simplex Virus 2 (HSV 2) IgM	96 det.	810221X
Enzyme immunoassay for the detection of specific IgG or IgM antibodies against HSV-2 in human serum or plasma.		

Human Immunodeficiency Virus (HIV)

recomLine HIV-1 & HIV-2 IgG	20 det.	6672
S The <i>recomLine</i> HIV-1 & HIV-2 IgG test solely uses recombinant antigens based on the ENV, POL and GAG gene segments and allows simple and safe confirmation of HIV screening results.		

Human T-lymphotropic virus (HTLV)

recomLine HTLV-1 & HTLV-2 IgG	20 det.	5272
S Line immunoassay with recombinant produced antigens for the detection of IgG antibodies against human T-lymphotropic virus type 1 (HTLV-1) and type 2 (HTLV-2)		

Influenza Virus

NovaLisa® Influenza Virus A IgG	96 det.	810222X
E NovaLisa® Influenza Virus A IgM	96 det.	810223X
E NovaLisa® Influenza Virus A IgA	96 det.	810224X
Enzyme immunoassay for the detection of specific IgG, IgM or IgA antibodies against Influenza A virus in human serum or plasma.		

NovaLisa® Influenza Virus B IgG	96 det.	810225X
E NovaLisa® Influenza Virus B IgM	96 det.	810226X
E NovaLisa® Influenza Virus B IgA	96 det.	810227X
Enzyme immunoassay for the detection of specific IgG, IgM or IgA antibodies against Influenza B virus in human serum or plasma.		

Measles Virus

NovaLisa® Measles Virus IgG	96 det.	810228X
E NovaLisa® Measles Virus IgM	96 det.	810229X
Enzyme immunoassay for the detection of specific IgG or IgM antibodies against Measles virus in human serum or plasma.		

NovaLisa® Avidity Measles Virus IgG	96 det.	810297X
E Enzyme immunoassay intended to indicate the Measles-specific IgG avidity in human serum or plasma to differentiate between acute and past infection.		

Mumps Virus

NovaLisa® Mumps Virus IgG	96 det.	810230X
E NovaLisa® Mumps Virus IgM	96 det.	810231X
Enzyme immunoassay for the detection of specific IgG or IgM antibodies against Mumps virus in human serum or plasma.		

Parainfluenza Virus

NovaLisa® Parainfluenza Virus 1, 2, 3 IgG	96 det.	810235X
E NovaLisa® Parainfluenza Virus 1, 2, 3 IgA	96 det.	810236X
Enzyme immunoassay for the detection of specific IgG or IgM antibodies against Parainfluenza Virus 1/2/3 in human serum or plasma.		

Parvovirus B19

	recomLine Parvovirus B19 IgG [Avidity]*	20 det.	4472
	recomLine Parvovirus B19 IgM	20 det.	4473

S By the kind of antigen pattern and the avidity determination of IgG antibodies the *recomLine* Parvovirus B19 provides an indication of the time of infection. The determination of antibodies against the NS-1 antigen can be helpful in the clarification of persistent Parvovirus B19 infections. With the use of VP-2 particles the presentation of conformational epitopes in addition to the linear epitopes is achieved.

* For the determination of the avidity of anti Parvovirus B19 IgG antibodies with the *recomLine* Parvovirus B19 IgG, please order in addition our avidity reagent (Article No. 11010).

	recomWell Parvovirus B19 IgG	96 det.	4404
E	recomWell Parvovirus B19 IgM	96 det.	4405

The VP-1 antigen and VP-2 particles used in the *recomWell* Parvovirus B19 tests are produced by means of genetical engineering. By the use of VP-2 particles, conformational epitopes are presented in addition to the linear epitopes.

Respiratory Syncytial Virus (RSV)

	NovaLisa® Respiratory Syncytial Virus IgG	96 det.	810237X
	NovaLisa® Respiratory Syncytial Virus IgM	96 det.	810238X
E	NovaLisa® Respiratory Syncytial Virus IgA	96 det.	810239X

Enzyme immunoassay for the detection of specific IgG, IgM or IgA antibodies against RSV in human serum or plasma.

Rubella Virus

	recomBlot Rubella IgG	20 det.	4902
S	The <i>recomBlot</i> Rubella IgG is recommended for the clarification of uncertain IgM results. The existence of the E2 band excludes a Rubella infection in the last three months.		

	recomLine TORCH screening IgG	20 det.	6472
	recomLine TORCH screening IgM	20 det.	6473
S	The <i>recomLine</i> TORCH Screening assay is a qualitative test for the determination of IgG or IgM antibodies against <i>Toxoplasma gondii</i> , rubella virus, cytomegalo virus and herpes simplex virus. A special feature of the <i>recomLine</i> TORCH Screening IgG is the use of phase specific recombinant antigens for <i>Toxoplasma</i> and CMV as well as type specific gB2 for HSV-2 in addition to the common lysate antigens, which enables a differentiated diagnosis of the infection in the first step analysis.		

	NovaLisa® Rubella Virus IgG	96 det.	810240X
E	NovaLisa® Rubella Virus IgM μ-capture	96 det.	810241X
	Enzyme immunoassay for the detection of specific IgG (4 calibrators; WHO standardised) or IgM (μ -capture) antibodies against Rubella virus in human serum or plasma.		

	NovaLisa® Avidity Rubella Virus IgG	96 det.	810298X
E	Enzyme immunoassay intended to indicate the Rubella-specific IgG avidity in human serum or plasma to differentiate between acute and past infection		

SARS-CoV-2

NEW		recomLine SARS-CoV-2 IgG [Avidität]*	20 det.	7374
S		Strip immunoassay with antigens produced by recombinant techniques for the detection of IgG antibodies against SARS-CoV-2 coronavirus and seasonal coronavirus (HCoV) in human serum or plasma. An avidity determination SARS-CoV-2-specific IgG antibodies provides additional information on the quality of the antibodies.		

*For the avidity determination of anti-SARS-CoV-2 IgG antibodies using the *recomLine* SARS-CoV-2 IgG, please order additionally the avidity reagent (Article no. 11010).

NEW		recomWell SARS-CoV-2 IgG	96 det.	7304
E		recomWell SARS-CoV-2 IgA	96 det.	7305
		Enzyme immunoassay using recombinantly produced antigens for the detection of IgG and IgA antibodies against Coronavirus SARS-CoV-2 in human serum or plasma.		

Tropical Fever (DENV, CHIKV, ZIKV)

	recomLine Tropical Fever IgG	20 det.	7872
S	recomLine Tropical Fever IgM	20 det.	7873

The *recomLine* Tropical Fever is intended for detection and differentiation of Dengue, Chikungunya and Zika infections in human serum or plasma.

TBE

	NovaLisa® TBE / FSME IgG	96 det.	810288X
	NovaLisa® TBE / FSME IgG plus	96 det.	810289X
E	NovaLisa® TBE / FSME IgM	96 det.	810290X

Enzyme immunoassay for the detection of specific IgG and IgM antibodies against Tick-borne encephalitis (TBE) virus (IgG: 5 calibrators; IgG plus: 5 calibrators and 1 control) in human serum or plasma.

Varicella Zoster Virus (VZV)

	NovaLisa® Varicella Zoster Virus (VZV) IgG	96 det.	810248X
	NovaLisa® Varicella Zoster Virus (VZV) IgM	96 det.	810249X
E	NovaLisa® Varicella Zoster Virus (VZV) IgA	96 det.	810250X

Enzyme immunoassay for the detection of specific IgG, IgM or IgA antibodies against VZV in human serum or plasma.

Zika Virus

	NovaLisa® Zika Virus IgG capture	96 det.	810291X
E	NovaLisa® Zika Virus IgM μ-capture	96 det.	810285X

Enzyme immunoassay for the detection of specific IgG or IgM antibodies against Zika virus in human serum or plasma.

Parasitic Infections

Ascaris lumbricoides

- NovaLisa® Ascaris lumbricoides IgG** 96 det. 810251X
 E Enzyme immunoassay for the detection of specific IgG antibodies against *Ascaris lumbricoides* in human serum or plasma.

Echinococcus

- NovaLisa® Echinococcus IgG** 96 det. 810262X
 E Enzyme immunoassay for the detection of specific IgG antibodies against *E. granulosus* and *E. multilocularis* in human serum or plasma.

Entamoeba histolytica

- NovaLisa® Entamoeba histolytica IgG** 96 det. 810263X
 E Enzyme immunoassay for the detection of specific IgG antibodies against *Entamoeba histolytica* in human serum or plasma.

Filariasis

- NovaLisa® Filariasis** 96 det. 810295X
 E Enzyme immunoassay for the detection of specific antibodies against filariae in human serum or plasma.

Leishmania

- NovaLisa® Leishmania infantum IgG** 96 det. 810264X
 E Enzyme immunoassay for the detection of specific IgG antibodies against *Leishmania infantum* in human serum or plasma.

Malaria

- NovaLisa® Malaria** 96 det. 810296X
 E Enzyme immunoassay for the detection of specific IgG/IgM antibodies against *Plasmodium* in human serum or plasma.

Schistosoma mansoni

- NovaLisa® Schistosoma mansoni IgG** 96 det. 810265X
 E Enzyme immunoassay for the detection of specific IgG antibodies against *Schistosoma mansoni* in human serum or plasma.

Strongyloides

- NovaLisa® Strongyloides** 96 det. 810299X
 E Enzyme immunoassay for the detection of specific IgG/IgM antibodies against *Strongyloides* in human serum or plasma.

Taenia solium

- NovaLisa® Taenia solium IgG** 96 det. 810266X
 E Enzyme immunoassay for the detection of specific IgG antibodies against *Taenia solium* in human serum or plasma.

Toxocara canis

- NovaLisa® Toxocara canis IgG** 96 det. 810267X
 E Enzyme immunoassay for the detection of specific IgG antibodies against *Toxocara canis* in human serum or plasma.

Toxoplasma gondii

	recomLine Toxoplasma IgG [Avidity]*	20 det.	5972
	recomLine Toxoplasma IgM [IgA]*	20 det.	5973
S	The <i>recomLine</i> Toxoplasma is a confirmatory assay. The antibody specific band pattern and the determination of IgG antibody avidity facilitate the interpretation of the status of an infection.		
	* For the determination of the avidity of anti Toxoplasma IgG antibodies with the <i>recomLine</i> Toxoplasma IgG, please order in addition our avidity reagent (Article No. 11010). For the detection of IgA antibodies please order in addition to the <i>recomLine</i> Toxoplasma IgM the respective IgA conjugate: Anti human conjugate IgA (Article No. 10016).		
	recomLine TORCH screening IgG	20 det.	6472
	recomLine TORCH screening IgM	20 det.	6473
S	The <i>recomLine</i> TORCH Screening assay is a qualitative test for the determination of IgG or IgM antibodies against Toxoplasma gondii, rubella virus, cytomegalo virus and herpes simplex virus. A special feature of the <i>recomLine</i> TORCH Screening IgG is the use of phase specific recombinant antigens for Toxoplasma and CMV as well as type specific gB2 for HSV-2 in addition to the common lysate antigens, which enables a differentiated diagnosis of the infection in the first step analysis.		
	NovaLisa® Toxoplasma gondii IgG	96 det.	810245X
E	NovaLisa® Toxoplasma gondii IgM μ-capture	96 det.	810247X
	Enzyme immunoassay for the detection of specific IgG or IgM antibodies against Toxoplasma gondii (IgG: 4 calibrators; WHO standardised) in human serum or plasma.		
	NovaLisa® Avidity Toxoplasma gondii IgG	96 det.	810246X
E	Enzyme immunoassay intended to indicate the Toxoplasma gondii specific IgG avidity in human serum or plasma to differentiate between acute and past infection.		

Trichinella spiralis

	NovaLisa® Trichinella spiralis IgG	96 det.	810268X
E	Enzyme immunoassay for the detection of specific IgG antibodies against Trichinella spiralis in human serum or plasma.		

Trypanosoma cruzi (Chagas)

	NovaLisa® Chagas (Trypanosoma cruzi) IgG	96 det.	810254X
E	Enzyme immunoassay for the detection of specific IgG antibodies against Trypanosoma cruzi in human serum or plasma.		
	NovaLine® Chagas IgG	16 det.	810276X
S	The NovaLine® Chagas IgG is intended for the qualitative determination of antibodies to Trypanosoma cruzi in human serum or plasma (citrate).		

Fungal Infections

	NovaLisa® Aspergillus fumigatus IgG	96 det.	810292X
E	NovaLisa® Aspergillus fumigatus IgM	96 det.	810293X
	Enzyme immunoassay for the detection of specific IgG or IgM antibodies against Aspergillus fumigatus in human serum or plasma.		
	NovaLisa® Candida albicans IgG	96 det.	810205X
	NovaLisa® Candida albicans IgM	96 det.	810206X
E	NovaLisa® Candida albicans IgA	96 det.	810207X
	Enzyme immunoassay for the detection of specific IgG, IgM or IgA antibodies against Candida in human serum or plasma.		

Autoimmune Disease

Connective Tissue Diseases

	recomLine ANA/ENA IgG	20 det.	6072
S	The test is used for the confirmation of IgG autoantibodies in the case of rheumatoid autoimmune diseases (collagenosis). Five collagenosis can usually be distinguished (SLE, SS, mixed collagenosis, myositis and PSS (SSc)).		

Veterinary Medicine

Borrelia burgdorferi

	recomBlot Borrelia canis IgG	20 det.	4212
S	recomBlot Borrelia canis IgM	20 det.	4213
	It is only with <i>recomBlot Borrelia canis</i> that antibodies against all three genospecies, <i>Borrelia burgdorferi sensu stricto</i> , <i>Borrelia garinii</i> and <i>Borrelia afzelii</i> can be safely detected in one test run.		
	recomWell Borrelia canis IgG	96 det.	4214
E	recomWell Borrelia canis IgM	96 det.	4215
	It is only with <i>recomWell Borrelia Canis</i> that antibodies against all three genospecies, <i>Borrelia burgdorferi sensu stricto</i> , <i>Borrelia garinii</i> and <i>Borrelia afzelii</i> can be safely detected in one test run.		

MOLECULAR DIAGNOSTICS (REAL-TIME PCR)

Gastrointestinal Infections

P	alphaCube Entero 2.0	96 reactions	830509
	Real-time RT-PCR for detection of Enterovirus (Coxsackievirus A, Coxsackievirus B, Echovirus, numbered Enteroviruses, Polioviruses)	32 reactions	830510
P	ampliCube Gastrointestinal Bacterial Panel 1	50 reactions	50001
	Real-time PCR for detection of Campylobacter, Salmonella, Yersinia enterocolitica		
P	ampliCube Gastrointestinal Bacterial Panel 2	50 reactions	50011
	Real-time PCR for detection of VTEC (STX1+2), Shigella/EIEC and ETEC		
P	ampliCube Gastrointestinal Viral Panel 1	50 reactions	50002
	Real-time RT-PCR for detection of Norovirus GI und II, Rotavirus, Adenovirus		
P	ampliCube Gastrointestinal Viral Panel 2	50 reactions	50012
	Real-time RT-PCR for detection of Sapovirus, Astrovirus		
P	alphaCube gastroplexVirus	96 reactions	830501
	Real-time RT-PCR for detection of Norovirus (Genogroup I & II), Adenovirus and Rotavirus	32 reactions	830502
P	alphaCube gastroplexVirus PLUS 2.0	96 reactions	830503
	Real-time RT-PCR for detection of Norovirus Genogroup I, Norovirus Genogroup II, Adenovirus, Rotavirus, Astrovirus and Sapovirus	32 reactions	830504

		Size	Article No.
P	alphaCube Noro Real-time RT-PCR for detection of Norovirus (Genogroup I & II)	96 reactions	830513

Hepatitis E Virus (HEV)

P	ampliCube HEV 2.0 Quant The <i>ampliCube</i> HEV 2.0 Quant is a highly sensitive and flexible real-time RT-PCR test system for the detection and quantification of the four human pathogenic HEV genotypes in human serum, plasma or stool.	50 reactions	55002
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Multiple Resistances

P	ampliCube MDR Panel 1 Real-time PCR for detection of NDM, KPC, GIM (German Imipenemase)	50 reactions	50401
P	ampliCube MDR Panel 2 Real-time PCR for detection of NDM, KPC, SPM (Sao Paulo Metallo-β-Lactamase)	50 reactions	50402
P	ampliCube MDR Panel 3 Real-time PCR for detection of CTX-M15 (group 1) and CTX-M14 (group 9)	50 reactions	50403
P	ampliCube MDR Panel 4 Real-time PCR for detection of IMP, VIM, OXA-48-like	50 reactions	50404
P	ampliCube MDR Panel 5 Real-time PCR for detection of NDM, OXA-23-like / OXA-24/40-like; OXA-58-like; ISAbA1 / OXA-51-like	50 reactions	50405
P	ampliCube MDR Panel 6 Real-time PCR for detection of cfr (A/B) / optrA, vanA, vanB	50 reactions	50406

Respiratory Infections

P	ampliCube Coronavirus Panel Real-time RT-PCR for detection of Middle East Respiratory Syndrome Coronavirus (MERS-CoV), Coronavirus (NL63, OC43, 229E, HKU)	50 reactions	50142
P	ampliCube Coronavirus SARS-CoV-2 Real-time RT-PCR for screening and confirmation of SARS coronavirus and SARS-CoV-2 / COVID-19; SARS-CoV screening using E-gene and SARS-CoV-2 confirmation using specific markers in Orf1a	50 reactions 500 reactions	50143 50144
NEW P	ampliCube Coronavirus SARS-CoV-2 plus Real-time RT-PCR for screening and confirmation of SARS coronaviruses and SARS-CoV-2 / COVID-19; SARS-CoV screening using E-genes and SARS-CoV-2 confirmation using specific markers in Orf1a. In addition, a human gene is detected as a smear control (HC).	50 reactions 500 reactions	50148 50149
P	ampliCube Respiratory Bacterial Panel 1.1 Real-time PCR for detection & semi-quantification of Chlamydia pneumoniae, Mycoplasma pneumoniae, Legionella spp. and Legionella pneumophila	50 reactions	50101
P	ampliCube Respiratory Bacterial Panel 1.1 LC Test is only designed for use on the Roche LightCycler® 480 II	50 reactions	50153
P	ampliCube Respiratory Bacterial Panel 2 Real-time PCR for detection of Bordetella pertussis, Bordetella parapertussis, Bordetella holmesii	50 reactions	50111

		Size	Article No.
P	ampliCube Respiratory Bacterial Panel 3 Real-time PCR for detection & semi-quantification of Streptococcus pneumoniae, Staphylococcus aureus, Haemophilus influenzae (type B)	50 reactions	50121
P	ampliCube Respiratory Bacterial Panel 4 Real-time PCR for detection & semi-quantification of Moraxella catarrhalis, Klebsiella pneumoniae	50 reactions	50131
P	ampliCube Respiratory Flu & SARS-CoV-2 Real-time RT-PCR for the detection of Influenza A, Influenza B and SARS-CoV screening using E-gene and SARS-CoV-2 confirmation using specific markers in Orf1a. Test is developed for 5-channel real-time PCR cyclers	50 reactions 500 reactions	50163 50164
P	ampliCube Respiratory Flu & SARS-CoV-2 LC Test is only designed for use on the Roche LightCycler® 480 II	50 reactions 500 reactions	50173 50174
P	ampliCube Respiratory Viral Panel 1 Real-time RT-PCR for detection of Influenza A, Influenza B, Influenza A H1N1	50 reactions	50102
P	ampliCube Respiratory Viral Panel 2 Real-time RT-PCR for detection of Parainfluenza 1-4, Bocavirus	50 reactions	50112
P	ampliCube Respiratory Viral Panel 3 Real-time RT-PCR for detection of Parechovirus, Metapneumovirus, RSV (A,B)	50 reactions	50122
P	ampliCube Respiratory Viral Panel 4 Real-time RT-PCR for detection of Rhinovirus/Enterovirus, Adenovirus	50 reactions	50132
P	ampliCube Respiratory Viral Panel 5 Real-time Multiplex RT-PCR Test zum Nachweis von Influenza A, Influenza B und RSV (A, B)	50 reactions	50152
RUO P	ampliMelt SARS-CoV-2 Variants 1 (Alpha, Delta) Reagent set for the detection and differentiation of SARS-CoV-2 Variants of Concern Alpha and Delta by real-time multiplex RT-PCR followed by melting curve analysis.	50 reactions	50147
RUO P	ampliMelt SARS-CoV-2 Variants 3 (Delta, Omicron) Reagent set for the detection and differentiation of SARS-CoV-2 Variants of Concern Delta and Omicron by real-time multiplex RT-PCR followed by melting curve analysis.	50 reactions	50140
P	alphaCube Bordetella Real-time PCR for detection of Bordetella pertussis and Bordetella parapertussis	96 reactions 32 reactions	830559 830560
P	alphaCube Entero 2.0 Real-time RT-PCR for detection of Enterovirus (Coxsackievirus A, Coxsackievirus B, Echovirus, numbered Enteroviruses, Polioviruses)	96 reactions 32 reactions	830509 830510
P	alphaCube Legionella Real-time PCR for detection of Legionella pneumophila	96 reactions 32 reactions	830539 830540

		Size	Article No.
P	alphaCube PanLegionella Real-time PCR for detection of Legionella spec.	96 reactions	830535
		32 reactions	830536
P	alphaCube MTB Real-time PCR for detection of Mycobacterium tuberculosis complex	96 reactions	830561
		32 reactions	830562
P	alphaCube MTB/NTM/MAC Real-time PCR for the detection of DNA of Mycobacterium tuberculosis complex (MTB), Non Tuberculous Mycobacteria (NTM) and Mycobacterium avium complex (MAC)	96 reactions	830566
		32 reactions	830567
P	alphaCube respiraRNA 3.0 Real-time RT-PCR for detection of Influenza A and B, and Respiratory Syncytial Virus (RSV)	96 reactions	830507
		32 reactions	830508
NEW P	alphaCube P.jirovecii Real-time PCR for detection & quantification of Pneumocystis jirovecii.	96 reactions	83058

Sexually Transmitted Infections (STI)

P	ampliCube STD Panel 1 Real-time PCR for detection of Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium	50 reactions	50301
P	ampliCube STD Panel 2.1 Real-time PCR for detection of Trichomonas vaginalis, Mycoplasma hominis, Ureaplasma urealyticum and Ureaplasma parvum	50 reactions	50302
P	ampliCube STD Panel 2.1 LC Test is only designed for use on the Roche LightCycler® 480 II	50 reactions	50322
P	ampliCube STD Panel 3 Real-time PCR for detection of Herpes Simplex Virus (1, 2), Treponema pallidum	50 reactions	50303

Tick Borne Infections

P	alphaCube Babesia Real-time PCR for detection of Babesia divergens, Babesia microti and Babesia sp. EU1	96 reactions	830525
		32 reactions	830526
P	alphaCube Borrelia Real-time PCR for detection of Borrelia burgdorferi (sensu lato)	96 reactions	830527
		32 reactions	830528
NEW P	alphaCube Borrelia/Rickettsia Real-time PCR for the detection of Borrelia burgdorferi and Rickettsia.	96 reactions	830576
		32 reactions	830577
P	alphaCube Ehrlichia (Anaplasma) Real-time PCR for detection of E. chaffeensis, E. ewingii, Anaplasma phagocytophilum (formerly E. phagocytophilum, E. equi)	96 reactions	830533
		32 reactions	830534
P	alphaCube Rickettsia Real-time RT-PCR for detection of Rickettsia	96 reactions	830574
		32 reactions	830575

Size Article No.

P	alphaCube TBE Real-time RT-PCR for detection of Tick Borne Encephalitis Virus	96 reactions	830519
		32 reactions	830520
P	alphaCube TBE/WNV Real-time RT-PCR for detection of Tick Borne Encephalitis Virus and West Nile Fever Virus.	96 reactions	830568
		32 reactions	830569
P	alphaCube Q-Fever Real-time PCR for detection of Coxiella burnetii	96 reactions	830555
		32 reactions	830556

Tropical Fever

P	alphaCube Tropical Fever 1 Real-time RT-PCR for detection of Zika virus, Chikungunya virus, Dengue viruses 1-4 and Yellow Fever Virus	96 reactions	830563
		32 reactions	830564

Vesicular Exanthema

P	alphaCube HSV/VZV Real-time PCR for detection of Herpes Simplex virus 1, Herpes simplex virus 2 and Varizella zoster virus	96 reactions	830572
		32 reactions	830573

Other Pathogens

P	alphaCube GBS Real-time PCR for detection of Group B Streptococcus (GBS)	96 reactions	830547
		32 reactions	830548
NEW	alphaCube Monkeypox virus (RUO) Reagents for the detection of monkeypox virus DNA (OPG185 gene). The test principle is real-time PCR followed by melting curve analysis.	96 reactions	830581
P			
P	alphaCube MRSA 3.0 Real-time PCR for detection of Methicillin-resistant Staphylococcus aureus (MRSA)	96 reactions	830557
		32 reactions	830558
P	alphaCube PVL-MRSA Real-time PCR for detection of Methicillin-resistant Staphylococcus aureus (MRSA),	96 reactions	830570
		32 reactions	830571

Additional reagents

P	ampliCube Color Compensation Kit (5-Plex for Roche LightCycler® 480 II)	2 runs	50502
	ampliCube Color Compensation Kit (5-Plex for Roche cobas z 480 Analyzer)	2 runs	50503
	ampliCube Dye Calibration for QuantStudio 5 (5-Plex, is only necessary for 5-Plex PCR kits)	2 runs	50504
	ampliCube CFX 96 (BioRad) dye calibration	2 runs	50505

	Size	Article No.
alphaCube LC480 Color Compensation	1 run	831009
alphaCube Color Compensation Kit RespiraRNA 3.0 Color Compensation Kits and Dye Calibration Kits are used for dye calibration of a real-time PCR cycler with the aim to compensate dye overlaps between the dye channels. In order to analyze Multiplex real-time PCR kits on the LightCycler® 480 II or cobas z 480 analyzer, a Color Compensation File must be created in advance. When using Quant Studio 5 (QS5), a calibration must be performed in advance.	1 run	831032
alphaCube BLP-DNA (Bacteria Like Particles DNA) P Bacteria Like Particles DNA can be used as an extraction control in combination with <i>alphaCube</i> real-time PCR products for the detection of bacterial pathogens.	96 reactions	831012
alphaCube VLP-RNA (Virus Like Particles RNA) P Virus Like Particles RNA can be used as an extraction control in combination with <i>alphaCube</i> real-time PCR products for the detection of viral RNA pathogens.	96 reactions	831010

DNA & RNA EXTRACTION

Products and reagents for sample preparation

alphaClean Mag RNA/DNA P Extraction system based on magnetic beads for the isolation of nucleic acids RNA/DNA from clinical sample materials (e.g. whole blood, urine, tissue, stool, etc.), food and environmental samples. Optimal for use on Biocomma extractors (M32, M48 and M96), use on other magnetic particle based extractors also possible.	200 isolations 800 isolations	831002 831028
alphaClean Proteinase K P Proteinase K from Tritirachium album, Molecular Biology Grade, lyophilised, activity: ≥ 2.5 U/ mg (casein, 37°C).	200 mg 800 mg	831025 831031
alphaClean Pure RNA/DNA P Spin-column-based system for the isolation of nucleic acid (RNA, DNA) from clinical specimens (e.g. blood, urine, tissue, stool, etc.), food and environmental samples.	100 Isolationen 200 Isolationen	831026 831004
alphaClean Collection tube P 2 ml collection tubes suitable for use with <i>alphaClean</i> Pure RNA/DNA Spin-column. DNase-, RNase-, pyrogen-free.	1000	831027
alphaClean Nucleic Acid Release Reagent P Reagent for the enzymatic release of nucleic acid from tissue samples, ticks, insects and swabs.	100 (3 x 10 ml)	831000
alphaClean Plus Nucleic Acid Release Reagent P Reagent for the enzymatic release of nucleic acid from swabs and cell culture suspensions.	100 (4 x 8,75 ml)	831013
alphaClean TS (tissue shred) Reaction tubes, filled with shredding material for manual preparation of tissue samples, plant material, ticks and insects. 1.5 ml reaction tubes using a pestle 2.0 ml-screw cap reaction tubes using e.g. FastPrep cell disrupter 2.0 ml reaction tube using e.g. TissueLysor	 100 100 100	 831016 831017 831018

T-CELL DIAGNOSTICS

T-Track® Test systems

NEW	T	T-Track® CMV	96 determinations*	11001003
		ELISpot assay for monitoring the functionality of the CMV-specific cell mediated immunity (CMI) in CMV-seropositive patients. * 96 determinations, sufficient for the analysis of 12 patient samples.		
T-Track® TB				
RT-qPCR assay as an aid in the diagnosis of <i>M. tuberculosis</i> infection (including active disease), via highly sensitive determination of the relative expression of TB antigen-induced, specific markers. The assay consists of the following two kits:				
NEW	T	T-Track® TB Stimulation	Reagents for the analysis of 10 patient samples	11001004
		T-Track® TB Stimulation covers stimulation of 3 ml of heparinized whole blood with TB antigens followed by RNA stabilization.		
		T-Track® TB Quant PCR	34 reactions	11001005
Measurement of the relative expression of specific classification markers via reverse transcription and quantitative PCR (RT-qPCR). Software based analysis.				
T-Track® SARS-CoV-2				
RT-qPCR assay for the detection of SARS-CoV-2 specific T-cell reactivity by highly sensitive determination of the relative expression of SARS-CoV-2 antigen-induced, specific markers. The assay consists of the following two kits:				
NEW	T	T-Track® SARS-CoV-2 Stimulation	Reagents for the analysis of 8 patient samples	11001006
		T-Track® SARS-CoV-2 Stimulation covers stimulation of 2 ml of heparinized whole blood with S1 and NP antigens followed by RNA stabilization.		
		T-Track® SARS-CoV-2 Quant PCR	34 reactions	11001007
Measurement of the relative expression of specific classification markers via reverse transcription and quantitative PCR (RT-qPCR). Software based analysis.				

T-Track® ELISpot Basic Kit

NEW	T	T-Track® ELISpot Basic Kit (strip)	12 x 8 determinations	12200001
		T-Track® ELISpot Basic Kit (solid)	96 determinations	12200002
ELISpot assay for the determination of the functionality of antigen-specific cell-mediated immune response (release of IFN-γ). The ready-to-use T-Track® ELISpot Basic Kit contains all necessary reagents except antigens. Research use only.				

T-Track® ELISpot Basic MTP

NEW	T	T-Track® ELISpot Basic MTP (strip)	12 x 8 determinations	12100006
		T-Track® ELISpot Basic MTP (solid)	96 determinations	12100010
T-Track® ELISpot Basic MTP (microtitre plate) for the determination of the functionality of antigen-specific cell-mediated immune response (release of IFN-γ). Research use only.				

T-activated® Proteins

NEW	T	T-activated® IE-1	500 µl	12311001
		T-activated® pp65	500 µl	12311002
		T-activated® BZLF1	500 µl	12312001
		T-activated® EBNA-3A	500 µl	12312002
Proteins for enhanced stimulation of cytokine-producing cells (patented technology).				

ANTIGEN DETECTION

CXCL13

	recomBead CXCL13 (PART A CXCL13)*	96 det.	7754
	recomBead CXCL13 (PART B CXCL13)*	96 det.	27702
L	The <i>recomBead</i> CXCL13 is a fluorescence-based particle immunoassay for the quantitative detection of CXCL13/BLC (BLC = B lymphocyte chemoattractant) in human cerebrospinal fluid. * Both packing units are matched to each other. Please always order both packing units simultaneously in equal amounts.		

HPV (Human Papillomavirus)

	recomWell HPV 16/18/45	96 det.	7904
E	Qualitative Enzyme immunoassay for detection of E7 oncoproteins from high risk (hr) Human Papillomavirus (HPV) types 16, 18 and 45 in cervical smears.		

GENERAL

Single Reagents

Control sera (test independent)

The following test independent control sera can be used as single reagents in combination with the following serological Mikrogen test formats: *recomLine*, *recomBlot*, *recomWell* and *recomBead*.

ANA/ENA IgG positive control serum	200 µl	26017
ANA/ENA IgG negative control serum	200 µl	26013
B. pertussis IgG positive control serum	200 µl	25717
B. pertussis IgA positive control serum	200 µl	25718
B. pertussis IgG/IgA negative control serum	200 µl	25713
Borrelia IgG positive control serum	200 µl	24227
Borrelia IgM positive control serum	200 µl	24219
Borrelia IgG/IgM negative control serum	200 µl	24223
Campylobacter IgG positive control serum	200 µl	26217
Campylobacter IgA positive control serum	200 µl	26219
Campylobacter IgG/IgA negative control serum	200 µl	26213
Chlamydia IgG positive control serum (C. pneumoniae, C. trachomatis)	200 µl	26117
Chlamydia IgA positive control serum (C. pneumoniae, C. trachomatis)	200 µl	26119
Chlamydia IgG/IgA negative control serum	200 µl	26113
CMV IgG positive control serum	200 µl	25517
CMV IgM positive control serum	200 µl	25518
CMV IgG/IgM negative control serum	200 µl	25513

	Size	Article No.
EBV IgG positive control serum	200 µl	24507
EBV IgM positive control serum	200 µl	24518
EBV IgA positive control serum	200 µl	24519
EBV IgG/IgM/IgA negative control serum	200 µl	24513
Hantavirus IgG positive control serum	200 µl	27617
Hantavirus IgM positive control serum*	200 µl	27618
Hantavirus IgG/IgM negative control serum	200 µl	27613
Helicobacter IgG positive control serum	200 µl	24727
Helicobacter IgA positive control serum	200 µl	24729
Helicobacter IgG/IgA negative control serum	200 µl	24724
HEV IgG positive control serum	200 µl	25017
HEV IgM positive control serum*	200 µl	25018
HEV IgG/IgM negative control serum	200 µl	25013
HSV IgG positive control serum	200 µl	25317
HSV IgG negative control serum	200 µl	25313
Parvovirus IgG positive control serum	200 µl	24417
Parvovirus IgM positive control serum	200 µl	24418
Parvovirus IgG/IgM negative control serum	200 µl	24403
Rubella IgG positive control serum	200 µl	24917
SARS-CoV-2 IgG positive control serum	200 µl	27317
SARS-CoV-2 IgG negative control serum	200 µl	27313
Toxoplasma IgG positive control serum	200 µl	25917
Toxoplasma IgM positive control serum	200 µl	25918
Toxoplasma IgG/IgM negative control serum	200 µl	25913
Treponema IgG positive control serum	200 µl	25117
Treponema IgM positive control serum	200 µl	25118
Treponema IgG/IgM negative control serum	200 µl	25113
Yersinia IgG positive control serum	200 µl	24617
Yersinia IgM positive control serum	200 µl	24618
Yersinia IgA positive control serum	200 µl	24619
Yersinia IgG/IgM/IgA negative control serum	200 µl	24613

* as available

Reagents Line Immunoassay MIKROGEN

Anti-human conjugate IgG	500 µl	10064
Anti-human conjugate IgG	1.25 ml	10074
Anti-human conjugate IgM	500 µl	10065
Anti-human conjugate IgM	1.25 ml	10075

	Size	Article No.
Anti-human conjugate IgA	500 µl	10066
Avidity reagent	25 det.	11060
Skimmed milk powder	5 g	13061
Substrate TMB prec.	40 ml	10068
Substrate TMB prec.	200 ml	10078
Dilution buffer	100 ml	10062
Dilution buffer	500 ml	10070
Wash buffer A (10x)	100 ml	10061
Wash buffer A (10x)	500 ml	10071
Wash buffer C (5x)	100 ml	10063

Reagents ELISA MIKROGEN

Stopp solution	12 ml	12064
Substrate TMB fast2	12 ml	12067
Dilution buffer	125 ml	12062
Wash buffer (10x)	100 ml	12061

Reagents BEAD (MagPlex)

Anti-human conjugate IgG (<i>recomBead</i>)	5.5 ml	11064
Anti-human conjugate IgM (<i>recomBead</i>)	5.5 ml	11065
Anti-human conjugate IgA (<i>recomBead</i>)	5.5 ml	11066
Wash- and dilution buffer (6x) (<i>recomBead</i>)	100 ml	12060

Equipment / Software / Accessories / Service

Line Immunoassays

recomScan	1 licence	31006
Software for the automatic detection and interpretation of MIKROGEN test strips (<i>recomBlot</i> and <i>recomLine</i>). Easy to connect to the laboratory EDP (electronic data processing), available as an option.		
recomScan-PlugIn Database	1 licence	31043
Software module: Database extension for <i>recomScan</i> for the administration of patient data.		
recomScan-PlugIn Import / Export	1 licence	31044
Software module: Extension for <i>recomScan</i> for data exchange with LIM.		
recomScan-PlugIn Patient Report	1 licence	31045
Software module: Extension for <i>recomScan</i> for print out of patient reports.		
recomScan Calibration card	1 card	31057
BLOTriX Reader	1 instrument	31009
Scanner to scan test strips directly in the black incubation trays.		
Flatbed Scanner	1 instrument	31010
Scanner to scan test strips from black evaluation sheets.		
Dynablot Plus	1 instrument	31050
Instrument for the automatic processing of MIKROGEN test strips. Capacity: up to 44 strips. Dimensions 52.5 x 31 x 25 cm		
Dynablot tray holder for BLOTriX Reader	1 holder	31051
CarL (Fully automatic processing of test strips)	1 instrument	31094
Complete automation of <i>recomLine</i> strip assays – from sample preparation to result		
CarL Accessories		
Incubation tray – 44 wells	1 tray	21090
Disposable tips, 1 ml	192 tips	31101
Disposable tips, 5 ml	24 tips	31102
Control bottles, 4 ml	1 piece	31103

	Size	Article No.
Bottle set, reagents	6 bottles	31105
Bottle set, wash buffer, aqua dest	2 bottles	31106
Waste bottle	1 bottles	31107

Black evaluation forms for *recomScan*

<i>recomLine</i> ANA/ENA	1 form	18103
<i>recomLine</i> Bordetella	1 form	18123
<i>recomLine</i> Borrelia	1 form	18143
<i>recomBlot</i> Borrelia canis	1 form	18013
<i>recomLine</i> Campylobacter	1 form	18183
<i>recomLine</i> Chlamydia	1 form	18203
<i>recomLine</i> CMV	1 form	18444
<i>recomLine</i> EBV	1 form	18224
<i>recomLine</i> HantaPlus	1 form	18164
<i>recomLine</i> HCV	1 form	18243
<i>recomLine</i> Helicobacter 2.0	1 form	18273
<i>recomLine</i> HEV	1 form	18283
<i>recomLine</i> HIV	1 form	18303
<i>recomLine</i> HSV	1 form	18323
<i>recomLine</i> HTLV	1 form	18467
<i>recomLine</i> Parvovirus	1 form	18343
<i>recomLine</i> SARS-CoV-2	1 form	18333
<i>recomLine</i> TORCH	1 form	18364
<i>recomLine</i> Toxoplasma	1 form	18383
<i>recomLine</i> Treponema	1 form	18404
<i>recomLine</i> Tropical Fever	1 form	18456
<i>recomLine</i> Yersinia	1 form	18423

Additional accessories

Incubation tray white - 10 wells (with lid, for manual processing)	1 tray	21010
Incubation tray white - 30 wells (for Tecan Profiblot)	1 tray	21020
Incubation tray black - 30 wells (for Tecan Profiblot)	1 tray	21050
Incubation tray black - 48 wells (for Tecan Profiblot)	1 tray	21040
Incubation tray white - 20 wells (for Deelux Autoblot)	1 tray	21060
Incubation tray black - 44 wells, version 2 (for Dynablot)	1 tray	21080

Luminex®

MAGPIX® Luminex® analysis system for MagPlex® beads including xPONENT® software	1 instrument	31059
MAGPIX® Maintenance Kit, 12 M Preventive maintenance kit	1 kit	31062
MAGPIX® Maintenance Kit, 6 M Preventive maintenance kit	1 kit	31066
MAGPIX® Calibration Kit (25x) Calibration kit for use with the MAGPIX® system (app. 25 calibration routines)	1 kit	31063
MAGPIX® Performance Verification Kit (25x) Performance Verification kit for use with the MAGPIX® system (app. 25 calibration routines)	1 kit	31064
MAGPIX® Drive Fluid 4-Pack Luminex® Drive Fluid is the sample delivery medium in the MAGPIX® system	4x 650 ml	31065
96-well MTP for MagPlex®, solid plate 96-well microtiter plate for MagPlex®	1 plate	20222
recomQuant Software for the automatic detection of MIKROGEN <i>recomBead</i> test systems	1 licence	31049

Molecular Diagnostics (Real-time PCR)

Myra Liquid Handling System (Myra Instrument, Pipetting head, Waste tub with lid, Power adaptor, Power cable, 2m USB cable, Tips (1 rack of 384 tips), Myra loading block for Mic racks, Myra multipurpose loading block, USB flash drive containing copy of Myra software and manual, Myra Quick Start Guide)	1 instrument	31269
Myra 50µl Single Channel Pipetting Head	50µl	31270
Myra 96 Well Loading Block	1 Block	31271
Myra 36 Well Loading Block	1 Block	31272
Myra Loading Block for Mic Racks	1 Block	31275
Myra Rotor-Disk Loading Block Adapter for Rotor-Gene Disk 72 and 100	1 Adapter	31339
Myra Hepafilter	1 Filter	31344
Myra 384 Well Tips	10 x 384 Tips	31273

		Size	Article No.
NEW	Mic IVD Magnetic induction cycler for qPCR/Real-time PCR, 4-channels, incl. Software (Mic, External power supply, USB-Stick with PC-Software, Capping Tool, Bluetooth antenna, Tubes (one package of 960 tubes), Quick Start Guide, Safety Instructions, Validation Report)	1 instrument	31385
	Mic Magnetic induction cycler for qPCR/Real-time PCR, 4-channels, incl. Software (Mic, External power supply, USB-Stick with PC-Software, Capping Tool, Bluetooth antenna, Tubes (one package of 960 tubes), Quick Start Guide, Safety Instructions, Validation Report)	1 instrument	31154
	Mic Tube with lid (unit: 960)	960	31181
	Biocomma M32 Nucleic Acid Extraction System for the application of magnetic particle based extraction systems for 32 samples	1 instrument	31291
	Biocomma M48 Nucleic Acid Extraction System for the application of magnetic particle based extraction systems for 48 samples	1 instrument	31328
	Biocomma M96 Nucleic Acid Extraction System for the application of magnetic particle based extraction systems for 96 samples	1 instrument	31292
	96-Well Collection Plate 96-Well Collection Plates, 2,2 ml, round Well, U-Bottom, für M32, M48 und M96	24	31314
	8-magnetic sets 8er Combs for M32 and M48	400 (200 x 2)	31315
	96-magnetic sets 96er Combs for M96	36	31316

Service		
Installation and training of ¹⁾		
recomScan System		31155
Dynablot Plus		31156
CarL incl. <i>recomScan</i> training		31100
MAGPIX® incl. <i>recomQuant</i> training		31061
Gemini		31162
DSX Training only by Mikrogen		31163
Mic		31290
Myra		31289
Biocomma		31293
FastFinder Software (Ugentec)		31294
Installation and remote assistance ¹⁾		
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Myra		31324
Biocomma		31320
Installation ¹⁾		
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Training (on site) ²⁾	15 min interval	31164
Training (Webinar)	15 min interval	31165
Remote Assistenz	15 min interval	31277
Maintenance within a service contract: ¹⁾	(with service contract of at least 3 years duration)	
Dynablot Plus	incl. Service kit	31053
Autoblot 3000	incl. Service kit	31054
CarL	incl. Service kit	31108
Gemini	incl. Service kit	31206
Maintenance without contract: ¹⁾	(Price for single maintenance)	
Dynablot Plus	incl. Service kit	31285
Autoblot 3000	incl. Service kit	31286
CarL	incl. Service kit	31287
Gemini	incl. Service kit	31288

Services ³⁾

<i>recomScan</i> System	30 min interval	31166
Dynablot Plus	30 min interval	31167
Autoblot 3000	30 min interval	31168
CarL	30 min interval	31169
Installation und Schulung: Color Compensation File	30 min interval	31317

Repair ³⁾

<i>recomScan</i> System	30 min interval	31170
Dynablot Plus	30 min interval	31171
Autoblot 3000	30 min interval	31172
CarL	30 min interval	31173

Travel costs ⁴⁾ (simple distance)

0 - 75 km		31278
75 - 150 km		31279
150 - 300 km		31280
300 - 450 km		31281
Über 450 km		31282

Software customisation ²⁾	30 min interval	31276
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- 1) Full price incl. travel
- 2) Plus travel and, if applicable, accommodation costs
- 3) Plus travel and, if applicable, accommodation costs / spare parts
- 4) Valid for Germany; travel costs outside Germany may differ

MIKROGEN can offer you various system solutions tailored to your needs. Please contact your sales representative.

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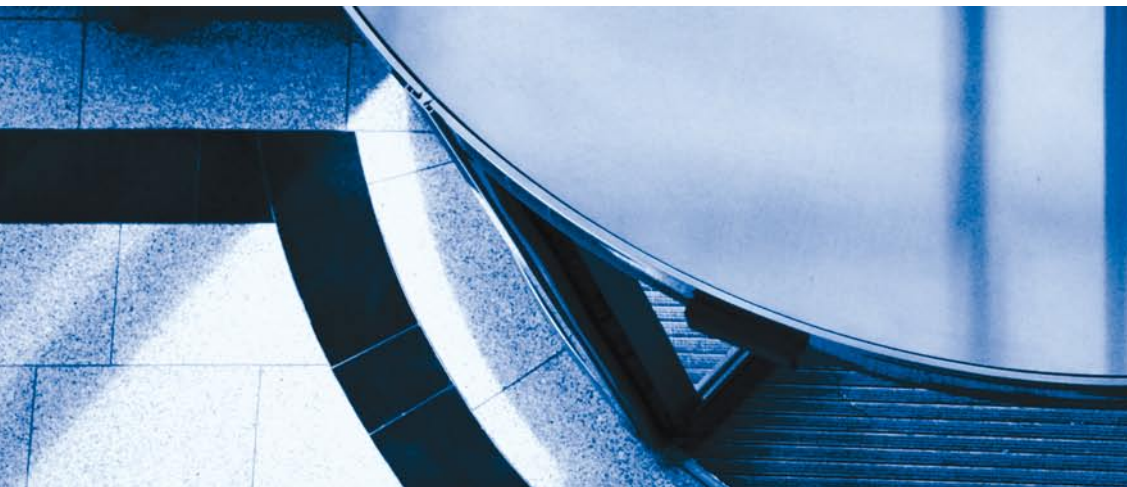
MIKROGEN GmbH **Phone:** +49 89 54801-0
 Anna-Sigmund-Str. 10 **Fax:** +49 89 54801-100
 82061 Neuried | DE mikrogen@mikrogen.de



For more information please visit our website
www.mikrogen.de

	Name	E-Mail
Head office	Irina Britan	mikrogen@mikrogen.de
Shipment/Orders	Alexander Peren	orders@mikrogen.de
Technical support	Martin Schömer Angela Eser Danny Kirsten Dr. Jörg Striegler	tech.support@mikrogen.de
PCR support	Sonja Schmidt Dr. Lukas Weiß	pcr.support@mikrogen.de
Customer service/ Complaint handling	Martina Wild Sabine Pirsig Dominik Grimm	service@mikrogen.de
International business	Dr. Hubert Ammer Florian Sinn Erika Honka	export@mikrogen.de
Product management	Dr. Christian Meyer Christine Reichhuber Dr. Figen Beceren-Braun	produktmanagement@mikrogen.de

Our General Terms and Conditions can be found in the currently valid version on our Homepage:
www.mikrogen.de/english/company/terms-of-business.html



Mikrogen GmbH

Floriansbogen 2-4

82061 Neuried

Germany

Phone +49 89 54801-0

Fax +49 89 54801-100

mikrogen@mikrogen.de

www.mikrogen.de