

## LISTA PRODUCTOS BIORON 2010

<i>Item</i>	Cat.No	Pack size
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### 1. PCR RELATED PRODUCTS

DFS-Taq DNA Polymerase (DNA-tested)	101005	500 u
DFS-Taq DNA Polymerase (DNA-tested)	101025	2500 u
DFS-Taq DNA Polymerase (DNA-tested)	101100	10000 u
DFS-Taq DNA Polymerase (DNA-tested)	101500	50000 u
DFS-Taq Blue DNA Polymerase (DNA-tested)	101007	500 u
DFS-Taq Blue DNA Polymerase (DNA-tested)	101012	2.500 u
DFS-Taq Blue DNA Polymerase (DNA-tested)	101017	10.000 u
DFS-Taq Blue DNA Polymerase (DNA-tested)	101022	50.000 u
TOP-Taq DNA Polymerase	111105	500 u
TOP-Taq DNA Polymerase	111125	2.500 u
TOP-Taq DNA Polymerase	111150	10.000 u
TOP-Taq DNA Polymerase	111175	50.000 u
SuperHoTTAQ DNA Polymerase (qPCR)	119002	200 u
SuperHoTTAQ DNA Polymerase (qPCR)	119010	1000 u
SuperHotTaq <b>high concentrated</b>	119010L	2000 u
Anti Taq (MABs)	121001	100µg
Anti Taq (MABs)	121005	500µg
SuperHOTTAQ RED ("Hot-Start")	119005	200 u
Tth-pol DNA Polymerase	104005	500 u
Tth-pol DNA Polymerase	104025	2500 u
Klein-Taq DNA Polymerase (long fragment)	118002	200 u
Klein-Taq DNA Polymerase (long fragment)	118010	1000 u
DF-Psp DNA Polymerase (DNA-tested)	108005	500 u
DF-Psp DNA Polymerase (DNA-tested)	108025	2500 u
DF-Pfu DNA Polymerase (DNA-tested)	108105	500 u
DFS-Pfu DNA Polymerase (DNA-tested)	108125	2500 u
SNPase	108205	500 u
SNpase	108225	2500 u
SNPase Hotstart	108210	500 u
SNPase Hotstart	108250	2500 u
Encyclo PCR Kit	108305	100 rcs
Encyclo PCR Kit	108325	5 x 100 rcs
Tersus PCR Kit	108405	100 rcs

**MASTER MIXES:** The Master Mixes are calculated for 50 µl per reaction. If you work with 25 µl reaction volume you can run 200 tests.

DFS-Master Mix (2x) (ready-to-use, DNA-tested)	101605	100 rcs (50µl reactions)
DFS-Master Mix (2x) (ready-to-use, DNA-tested)	101625	5x100 rcs (50µl reactions)
DFS-Master Mix Blue (2x)	101705	100 rcs (50µl reactions)
DFS-Master Mix Blue (2x)	101725	5x100 rcs (50µl reactions)
SuperHoT Mastermix (qPCR, 2X) (MgCl <sub>2</sub> conc. 3.0 mM)	119102	100 rcs (50µl reactions)
SuperHoT Mastermix (qPCR, 2X) (MgCl <sub>2</sub> conc. 3.0 mM)	119110	5x100 rcs (50µl reactions)
SuperHoT Mastermix (qPCR, 2X) (MgCl <sub>2</sub> conc. 7.0 mM)	119104	100 rcs (50µl reactions)
SuperHoT Mastermix (qPCR, 2X) (MgCl <sub>2</sub> conc. 7.0 mM)	119108	5x100 rcs (50µl reactions)

HotRox Master Mix (qPCR 2x) ROX conc. 0,1µM (MgCl <sub>2</sub> conc 3.0 mM)	119551	100 rcs (50µl reactions)
HotRox Master Mix (qPCR 2x) ROX conc. 0,1 µM (MgCl <sub>2</sub> conc 3.0 mM)	119553	5x100 rcs (50µl reactions)
HotRox Master Mix (qPCR 2x) ROX conc. 0,1µM (MgCl <sub>2</sub> conc 7.0 mM)	119555	100 rcs (50µl reactions)
HotRox Master Mix (qPCR 2x) ROX conc. 0,1 µM (MgCl <sub>2</sub> conc 7.0 mM)	119557	5x100 rcs (50µl reactions)
HotRox Master Mix (qPCR 2x) ROX conc.1 µM (MgCl <sub>2</sub> conc.3.0 mM)	119550	100 rcs (50µl reactions)
HotRox Master Mix (qPCR 2x) ROX conc.1µM (MgCl <sub>2</sub> conc.3.0 mM)	119552	5x100 rcs (50µl reactions)
HotRox Master Mix (qPCR 2x) ROX conc.1 µM (MgCl <sub>2</sub> conc. 7.0 mM)	119554	100 rcs (50µl reactions)
HotRox Master Mix (qPCR 2x) ROX conc.1µM (MgCl <sub>2</sub> conc. 7.0 mM)	119556	5x100 rcs (50µl reactions)
SiBir- Master Mix (2X)	119205	100 rcs (50µl reactions)
SiBir- Master Mix (2X)	119225	5x100 rcs (50µl reactions)
SiBirOX Master Mix (2X) ROX conc. 0,1 µM	119405	100 rcs (50µl reactions)
SiBirOX Master Mix (2X) ROX conc. 1 µM	119450	100 rcs (50µl reactions)
Dry PCR Master Mix 0,2ml (qPCR) (no stain)	116101	100 x 0,2ml tubes
Dry PCR Master Mix 0,2ml (qPCR) (no stain)	116102	Strips 12 x 8 0,2ml tubes
Dry PCR Master Mix 0,2ml (blue stain)	116001	100 tubes
Dry PCR Mastermix 0,2ml (blue stain)	116002	500 tubes
Dry PCR Mastermix 0,2ml (blue stain)	116004	Strips 12x8
Dry PCR Mastermix 0,2ml (blue stain)	116005	Strips 5x12x8
dU-SiBir- HOTMaster mix (2X)	119301	100 rcs (50µl reactions)
dU-SiBir- HOTMaster mix (2X)	119305	5x100 rcs (50µl reactions)
2 x dU-HoT Mastermix (qPCR) (with dUTP) (MgCl <sub>2</sub> conc. 3.0 mM)	119202	100 rcs (50µl reactions)
2 x dU-HOT Mastermix (qPCR) (with dUTP) (MgCl <sub>2</sub> conc. 3.0 mM)	119210	5x100 rcs (50µl reactions)
2 x dU-HOT Mastermix (qPCR) (with dUTP) (MgCl <sub>2</sub> conc. 11.0 mM)	119203	100 rcs (50µl reactions)
2 x dU-HOT Mastermix (qPCR) (with dUTP) (MgCl <sub>2</sub> conc. 11.0 mM)	119215	5x100 rcs (50µl reactions)
Uracil-DNA Glycosylase (UDG)	111005	200 u
Uracil-DNA Glycosylase (UDG)	111025	1000 u
<b>Reaction Buffers and Salts</b>		
Incomplete Reack buffer DFS-Taq DNA Pol.	102001	1ml
Incomplete Reack buffer DFS-Taq DNA Pol.	102002	5 x 1 ml
Complete Reack buffer DFS-Taq DNA Pol.	102003	1ml
Complete Reack buffer DFS-Taq DNA Pol.	102004	5 x 1 ml
Reaction Buffer Set for DFS-Taq DNA pol.	102010	2+1+1 ml
Reaction Buffer set for Pfu DNA Pol.	108101	1 ml
Set of Reaction buffer for Buffer Psp DNA Pol	108001	1 ml
Set of Reaction buffer for Reversease	106001	set
Set of Reaction buffer for Reversease	106002	set
100 mM MnCl <sub>2</sub>	107001	5 ml
100 mM MnCl <sub>2</sub>	107002	1 ml

100 mM MgCl <sub>2</sub>	103001	40 ml
100 mM MgCl <sub>2</sub>	103002	5 ml
100 mM MgCl <sub>2</sub>	103003	1 ml

## REVERSE TRANSCRIPTION

1 Tube RT qPCR kit Hot-Start	122305	50 rcs
1 Tube RT qPCR Kit Hot-Start	122325	500 rcs (10 x 50 rcs)
AMV Reverse Transcriptase	105400	200 units
AMV Reverse Transcriptase	105410	1000 units
Ribonuclease Inhibitor / RNase Inhibitor	105310	2000 u
Ribonuclease Inhibitor / RNase Inhibitor	105350	10000 u
Reverse (M-MuLV RT)	105100	10000 u
Reverse (M-MuLV RT)	105250	50000 u
Oligo(dt) 15, 1 DA	509001	30µg
Random Primers	402001	30µg

## Plastic capillaries for Light Cycler

qPCR-capillaries, caps, transferpin, clear	A3130100	100 pcs
qPCR-capillaries, caps, transferpin, clear, in Racks	A3130960	10 racks of 96 pcs
LightCycler qPCR-capillaries Set with rotor-adapter for cyclor 1.2 or 1.5	A3130SK0	1 Rotor; 5x96 racks
LightCycler qPCR-capillaries Set with rotor-adapter for light cyclor 2.0	A3130SK1	1 Rotor; 5x96 racks

## 2. PCR DIAGNOSTIC

### Diagnostic Kits for real-time PCR with CE-conformity declaration

Mycoplasma pneumoniae	CE930101	25 rcs
Mycoplasma pneumoniae	CE930102	3x25 rcs
Mycoplasma pneumoniae	CE930104	6x25 rcs
Legionella Pneumophilia	CE930301	25 rcs
Legionella Pneumophilia	CE930302	3x25 rcs
Legionella Pneumophilia	CE930304	6x25 rcs
Legionella species	CE930201	25 rcs
Legionella species	CE930202	3x25 rcs
Legionella species	CE930204	6x25 rcs
MRSA screen	CE930401	25 rcs
MRSA screen	CE930402	3x25 rcs
MRSA screen	CE930404	6x25 rcs
MRSA SecSe available end 2009	CE930501	25 rcs
MRSA SecSe available end 2009	CE930502	3x25 rcs
MRSA SecSe available end 2009	CE930504	6x25 rcs
Bordella pertussis / parapertussis available end 2009	CE930601	25 rcs
Bordella pertussis / parapertussis available end 2009	CE930602	3x25 rcs
Bordella pertussis / parapertussis available end 2009	CE930604	6x25 rcs
Chlamydia trachomatis	CE930701	25 rcs
Chlamydia trachomatis	CE930702	3x25 rcs
Chlamydia trachomatis	CE930704	6x25 rcs
Treponema pallidum	CE930801	25 rcs
Treponema pallidum	CE930802	3x25 rcs
Treponema pallidum	CE930804	6x25 rcs

### PCR Quantification Standards

Mycoplasma pneumoniae Test system	CE930901	1 Kit
Legionella pneumoniae Test system	CE930902	1 Kit
Mycoplasma orale DNA	CE93903	1 Kit
Acholeplasma laidlawii	CE930904	1 Kit
S-Taq DNA Polymerase+A8se	CE93002	2x25 units

S-Taq DNA Polymerase	CE93004	3x25 units
S-Taq DNA Polymerase	CE93008	6x25 units

### GenePack DNA / RNA PCR test system

#### GenePack DNA PCR tests ( Infection diseases FOR R&D only (88 lyophilized mastermixes; 10 positiv -, 8 negative controls)

Aspergillus fumigatus (Afu)	A 2041	88+10+8
Borrelia burgdorferi (Bbu)	B 2042	88+10+8
Borrelia spp. (burgdorferi+garinii+afzelii) (Bor)	B 2110	88+10+8
Candida albicans (Cal)	C 2040	88+10+8
Chlamydia pneumonia (Cpn)	C 2012	88+10+8
Chlamydia psittaci. (Cps)	C 2013	88+10+8
Chlamydia spp. (Chl)	C 2014	88+10+8
Chlamydia trachomatis (Ctr)	C 2011	88+10+8
Epstein-Barr virus (EBV)	E 2063	88+10+8
Francisella tularensis (Ftu)	F 2044	88+10+8
Gardnerella vaginalis (Gva)	G 2030	88+10+8
Helicobacter pylori (ure) (Hpy-ure)	H 2023	88+10+8
Hepatitis B virus (HBV)	B 2049	88+10+8
Herpes simplex virus 1 type (HSV 1)	H 2054	88+10+8
Herpes simplex virus 1/2 type (HSS 1/2)	H 2053	88+10+8
Herpes simplex virus 2 type (HSV 2)	H 2055	88+10+8
Human cytomegalovirus (HCMV)	C 2062	88+10+8
Human herpes virus 6 type (HHV 6)	H 2056	88+10+8
Human herpes virus 7 type (HHV 7)	H 2098	88+10+8
Human herpes virus 8 type (HHV 8)	H 2057	88+10+8
Human papillomavirus (HPV gen)	P 2065	88+10+8
Human papillomavirus,high risk (16,18,31,33,35,39,45,51,52) (HPV h.r.)	P 2069	88+10+8
HumanT-Lymphotropic virus, 1/2 types (proHTLV 1/2)	L 2074	88+10+8
Leptospira interrogans (Lin)	L 2031	88+10+8
Legionella pneumophila (Lpn)	L 2058	88+10+8
Leptospira spp. (pathogenic serovars) (Lep)	L 2137	88+10+8
Listeria monocytogenes (Lmo)	L 2032	88+10+8
Moraxella morgani (Mmo)	M 2105	88+10+8
Mycobacterium (tuberculosis+bovis) (M(tu+bo))	M 2115	88+10+8
Mycobacterium avium, subsp. Paratuberculosis (Mav)	M 2016	88+10+8
Mycobacterium intracellulare (Min)	M 2026	88+10+8
Mycobacterium tuberculosis (Mtu)	M 2015	88+10+8
Mycoplasma hominis (Mho)	M 2018	88+10+8
Mycoplasma pneumoniae (Mpn)	M 2017	88+10+8
Mycoplasma genitalium (Mge)	M 2019	88+10+8
Mycoplasma spp. (Mge+Mho+Mpn+Mfe+Mpe) (Myc)	M 2091	88+10+8
Neisseria gonorrhoeae (Ngo)	N 2020	88+10+8
Parvovirus B19 (B19)	B 2052	88+10+8
Pneumocystis carinii (Pcr)	P 2022	88+10+8
Rickettsia spp. (Ric)	R 2104	88+10+8
Streptococcus agalactiae (Sag)	S 2033	88+10+8
Streptococcus pneumoniae (Spm)	S 2034	88+10+8
Streptococcus pyogenes (Spy)	S 2103	88+10+8
Toxoplasma gondii (Tgo)	T 2021	88+10+8
Transfusion transmitted virus, general (TTV gen)	T 2050	88+10+8
Treponema pallidum (Tpa)	T 2035	88+10+8
Trichomonas vaginalis (Tva)	T 2036	88+10+8
Ureaplasma parvum, biovar 1 (Upa)	U 2038	88+10+8
Ureaplasma urealyticum, biovar2 (Uur)	U 2039	88+10+8
Varicella-zoster virus (VZV)	V 2061	88+10+8
Vibrio cholerae (toxR) (Vch-tox R)	V 2045	88+10+8

## GenePack RNA PCR tests (Tube for Infection diseases FOR R&D only)

(80 yophilized Tubes for Reverse Transcription; 80 lyophilized mastermixes DNA; 10 positive -, 10 negative controls)

Hepatitis A virus (HAV)	A 3013	80 + 80 +10 +10
Hepatitis C virus (HCV)	C 3010	80 + 80 +10 +10
Hepatitis D virus (HDV)	D 3012	80 + 80 +10 +10
Hepatitis E virus (HDE)	E 3014	80 + 80 +10 +10
Human Metapneumovirus (HMPV)	M 3031	80 + 80 +10 +10
Human Parainfluenza virus, general (HPIV gen.)	P 3029	80 + 80 +10 +10
Human Respiratory syncytial virus (HRCV)	R 3030	80 + 80 +10 +10
Influenza virus A, H5 (InfVA H5)	I 3033	80 + 80 +10 +10
Norwalk-like viruses (NLV)	N 3021	80 + 80 +10 +10
Rotavirus (HRV)	R 3019	80 + 80 +10 +10
Rubella virus (RuV)	R 3016	80 + 80 +10 +10
Tick-borne Encephalitis virus (TbEV)	T 3034	80 + 80 +10 +10

## PCR-Diagnostic Kits for Gene-Machine (with Internal Control)

Chlamydia trachomatis	DT01-0104	100 rcs
Mycoplasma hominis	DT01-0204	100 rcs
Mycoplasma genitalium	DT01-	100 rcs
Ureaplasma urealyticum	DT01-2604	100 rcs
Trichomonas vaginalis	DT01-	100 rcs
Gardnerella vaginalis	DT01-	100 rcs
Neisseria gonorrhoeae	DT02-	100 rcs
Candida albicans	DT01-1404	100 rcs
Herpes symplex virus 1,2	DT01-0404	100 rcs
Cytomegalovirus	DT01-0504	100 rcs
Hepatitis B virus (HBV)	DT03-0104	100 rcs
Hepatitis C virus (HCV)	DT04-0104	100 rcs
(including RT)		
Tuberculosis mycobacterium	DT01-0804	100 rcs
(Mycobacterium tuberculosis-Mycobacterium bovis complex)		

## Specific animal DNA detection

10 DNA isolations + 30 PCR reactions + control primer (without polymerase)

Extended = detection of animal DNA processed and canned products (hydrolysates, gelatine etc.)

Isolation from birds (extended)	10Ex-AV	10 + 30
Isolation from cat (extended)	10Ex-CA	10 + 30
Isolation from chicken (extended)	10Ex-CH	10 + 30
Isolation from cow (extended)	10Ex-CO	10 + 30
Isolation from dog (extended)	10Ex-DG	10 + 30
Isolation from duck (extended)	10Ex-DU	10 + 30
Isolation from fellow deer (extended)	10Ex-FE	10 + 30
Isolation from human (extended)	10Ex-HS	10 + 30
Isolation from goat (extended)	10Ex-GO	10 + 30
Isolation from goose (extended)	10Ex-GS	10 + 30
Isolation from hare (extended)	10Ex-HA	10 + 30
Isolation from horse (extended)	10Ex-HO	10 + 30
Isolation from ostrich (extended)	10Ex-OS	10 + 30
Isolation from pig (extended)	10Ex-PI	10 + 30
Isolation from rabbit (extended)	10Ex-RA	10 + 30
Isolation from roe deer (extended)	10Ex-RO	10 + 30
Isolation from red/sika deer (extended)	10Ex-RS	10 + 30
Isolation from ruminant (extended)	10Ex-RU	10 + 30
Isolation from sheep (extended)	10Ex-SH	10 + 30
Isolation from fish (extended)	10Ex-TE	10 + 30
Isolation from turkey (extended)	10Ex-TU	10 + 30

Isolation from water buffalo (extended)	10Ex-WB	10 + 30
Polymerase S-Taq	CE93002	75 units

### 3. NUCLEIC ACIDS AND PROTEIN PURIFICATION

#### DNA-RNA Purification Kits RON's Line

Ron`s PCR-Pure Kit	806493	50 preps
Ron`s PCR-Pure Kit	806493L	5 x 50 preps
Ron`s Gel Extraction Kit	802501	50 preps
Ron`s Gel Extraction Kit	802501L	5 x 50 preps
Ron`s Plasmid Miniprep Kit	806942	50 preps
Ron`s Plasmid Miniprep Kit	806942L	5 x 50 preps
Ron`s Plasmid Midi Kit	807401	10 preps
Ron`s Plasmid Midi Kit	807401L	3x10 preps
Ron`s Plasmid Maxi Kit	807402	10 preps
Ron`s Plasmid Maxi Kit	807402L	3x10 preps
Ron`s Blood DNA Mini Kit	803482	50 preps
Ron`s Blood DNA Mini Kit	803482L	5 x 50 preps
Ron`s Tissue DNA Mini Kit	803496	50 preps
Ron`s Tissue DNA Mini Kit	803496L	5 x 50 preps
Ron`s Total RNA Kit	806834	50 preps
Ron`s Total RNA Kit	806834L	5 x 50 preps
Ron`s Blood RNA Mini Kit	803484	50 preps
Ron`s Blood RNA Mini Kit	803484L	5 x 50 preps
Ron`s FastTri DNA/RNA/Protein Extraction Reagent	808030	100 ml
Ron`s FastTri DNA/RNA/Protein Extraction Reagent	808030L	5 x 100 ml
Ron`s Fungal DNA Mini Kit	803490	50 preps
Ron`s Fungal DNA Mini Kit	803490L	5 x 50 preps
Ron`s Viral RNA Kit	806874	50 preps
Ron`s Viral RNA Kit	806874L	5 x 50 preps

#### DNA-RNA Purification Kits for PCR-Diagnostic RONS's Line

One Tube DNA Purification (OTP-Reagent)	805050	50 preps
One Tube DNA Purification (OTP-Reagent)	805100	100 preps
One Tube DNA Purification for realtime PCR (OTP-Reagent)	806050	50 preps
One Tube DNA Purification for realtime PCR (OTP-Reagent)	806100	100 preps
PCR-ready-Reagent (DNA Purification from blood-samples)	805060	50 preps
PCR-ready-Reagent (DNA Purification from blood-samples)	805120	100 preps

#### Protein purification

Bio Ni-IDA Mini Kit for His-tagged Proteins	810001	10 preps
Bio Ni-IDA Mini Kit for His-tagged Proteins	810005	50 preps
Bio Glutathione A for purification of GST-tagged Proteins	810010	10 ml
Bio Glutathione A for purification of GST-tagged Proteins	810100	100 ml
Total Protein Extraction Reagent for Mammalian Cells	810030	250 ml
Cytoplasmic and Nuclear Protein Extraction Kit	810040	50 preps

### 4. DNA AND DNA MARKERS

#### DNA Molecular Weight Markers Comparison Chart

100bp DNA ladder	304005	50 µg
100bp DNA ladder	304025	250 µg
100bp Blue DNA Ladder	304105	50 µg
100bp Blue DNA Ladder	304125	250 µg
COT I Human DNA	401001	500 µg
100bp RAINBOW eXtended DNA ladder Ready-to-use	304205	50 µg
100bp RAINBOW eXtended DNA ladder Ready-to-use	304225	250 µg
100bp extended DNA Ladder (no stain)	306005	50 µg

100bp extended DNA Ladder (no stain)	306025	250 µg
1kb DNA ladder (no stain)	305005	50 µg
1kb DNA ladder (no stain)	305025	250 µg
1 kb Blue DNA Ladder	305105	0,05mg
1 kb Blue DNA Ladder	305125	0,25mg
Loading Buffer DNA IV (10x)	306105	0,5ml
Loading Buffer DNA II (6x)	306205	0,5ml
pBR322 / HaeIII Marker	312 005	0,05mg
Phage T7 DNA	310005	50 µg
Phage T7 DNA	310025	250 µg
pUC19 plasmid	309005	50 µg
pUC19 plasmid	309025	250 µg
pUC19/Msp I DNA Marker	311005	50 µg
pUC19/Msp I DNA Marker	311025	250 µg
Phage Lambda DNA	301005	50 µg
Phage Lambda DNA	301025	250 µg
Phage Lambda DNA	301100	1mg
Phage Lambda DNA/HindIII Marker	302005	50 µg
Phage Lambda DNA/HindIII	302025	250 µg
Phage Lambda DNA/Bst EII Marker	303005	50 µg
Phage Lambda DNA/Bst EII Marker	303025	250 µg
Phage Lambda DNA/StyI Marker	307005	50 µg
Phage Lambda DNA/StyI Marker	307025	250 µg

## 5. DEOXYNUCLEOSIDE 5'-TRIPHOSPHATES

### Standard dNTPs

4you4 dNTPs Mix 40mM (4x10mM)	110001	200 µl
4you4 dNTPs Mix 40mM (4x10mM)	110002	1ml
Set of 4 dNTPs (dATP,dCTP,dGTP,dTTP), 100mM	110011	4 x 200 µl
Set of 4 dNTPs (dATP,dCTP,dGTP,dTTP), 100mM	110012	4 x 1ml
Set of 3+1 dNTPs 100mM (includes dUTP)	110014	4 x 200 µl
Set of 3+1 dNTPs 100mM (includes dUTP)	110015	4 x 1ml
Set of 4 dNTPs (dATP,dCTP,dGTP,dTTP)20mM	110031	4 x 200 µl
Set of 4 dNTPs (dATP,dCTP,dGTP,dTTP)20mM	110032	4 x 1ml
dATP 100mM	110003	0,2ml
dATP 100mM	110004	1ml
dATP 20mM	110023	0,2ml
dATP 20mM	110024	1ml
dATP tetrasodium salt powder	110103SP	1g
dCTP 100mM	110005	0,2ml
dCTP 100mM	110006	1ml
dCTP 20mM	110025	0,2ml
dCTP 20mM	110026	1ml
dCTP tetrasodium salt powder	110203SP	1g
dGTP 100mM	110007	0,2ml
dGTP 100mM	110008	1ml
dGTP 20mM	110027	0,2ml
dGTP 20mM	110028	1ml
dGTP tetrasodium salt powder	110207SP	1g
dTTP 100mM	110009	0,2ml
dTTP 100mM	110010	1ml
dTTP 20mM	110029	0,2ml
dTTP 20mM	110030	1ml
TTP tetrasodium salt powder	110209SP	1g
dUTP	109001	0,2ml
dUTP	109004	1ml

## Modified dNTPs

Bio-11-dUTP	509005	100µl/1mM
Flu-12-dUTP, water solution 1 mg/ml	507004	40µl
Tamra-dUTP, water solution 1 mg/ml	502105	40µl
Aminobutyl-dATP (conc. 10 mM)	512001	100µl
Aminoethyl-dCTP (conc. 10mM)	511001	100µl
Aminoallyl-dUTP (conc. 10mM)	513001	100µl
AZT triphosphate	503010	100µl/100mM
AZT triphosphate	503050	500µl/100mM
BUdR triphosphate	504010	100µl
BUdR triphosphate	504050	500µl
d4T triphosphate	505005	50µl
7-deaza-dGTP	508105	2µmol

## Chain terminators

Set of 4 ddNTP's (4x 10 mM)	120020	4 x 200 µl
Set of 4 ddNTP's (4x 10 mM)	120025	4 x 1000 µl
ddATP	120007	200 µl
ddATP	120008	1 ml
ddCTP	120009	200 µl
ddCTP	120011	1 ml
ddGTP	120003	200 µl
ddGTP	120004	1 ml
ddUTP	120005	200 µl
ddUTP	120006	1 ml
Cy5-11-ddUTP, Li-salt	120080	10 nmole
Cy5-11-ddUTP, Li-salt	120085	50 nmole

## 6. RESTRICTION ENDONUCLEASES

(not compatible with reaction buffers of the classic line)

### Biorons Enzyme / (available Isoschizomeres)

		units
Alu I	250101S	600 u
Alu I	250101L	3000 u
ApaI I	250148S	2000 u
ApaI I	250148L	10000 u
Asu II (BstBI, SfuI, Bsp119I, LspI, BsiCI, Bpu14I, CbiI, Csp45I, NspV)	250102S	3500 u
Asu II (BstBI, SfuI, Bsp119I, LspI, BsiCI, Bpu14I, CbiI, Csp45I, NspV)	250102L	17500 u
BamH I	250103S	7500 u
BamH I	250103L	37500 u
Bcl I (Ksp 22 I)	250104S	2500 u
Bcl I (Ksp 22 I)	250104L	12500 u
Bgl I	250105S	2000 u
Bgl I	250105L	10000 u
Bgl II	250106S	1300 u
Bgl II	250106L	6500 u
BseA I (AccIII, BspEI, Mro I, Kpn2I, BsiMI, Bsp13I)	250107S	650 u
BseA I (AccIII, BspEI, Mro I, Kpn2I, BsiMI, Bsp13I)	250107L	3250 u
BseB I (BstNI, MvaI, BstOI, BsiLI, Bst2UI, EcoRII, PspGI)	250108S	4500 u
BseB I (BstNI, MvaI, BstOI, BsiLI, Bst2UI, EcoRII, PspGI)	250108L	22500 u
BseC I (BanIII, BspDI, BspXI, ClaI, Bsu15I, Bsa29I, BscI, BsiXI, Bsp106I)	250109S	3500 u
BseC I (BanIII, BspDI, BspXI, ClaI, Bsu15I, Bsa29I, BscI, BsiXI, Bsp106I)	250109L	17500 u
BshF I (BshI, BsuRI, HaeIII, Pali)	250110S	7000 u
BshF I (BshI, BsuRI, HaeIII, Pali)	250110L	35000 u

BsiS I	(I250111S	1000 u
BsiS I	(I250111L	5000 u
BstE II	250144S	1750 u
BstE II	250144L	8750 u
CspA I (AgeI, AsiA, BshTI, PinA)	250113S	150 u
CspA I (AgeI, AsiA, BshTI, PinA)	250113L	750 u
EcoR I	250114S	5000 u
EcoR I	250114L	25000 u
EcoR V	250115S	3000 u
EcoR V	250115L	15000 u
Hind III	250116S	2000 u
Hind III	250116L	10000 u
Hinf I	250117S	2500 u
Hinf I	250117L	12500 u
Hpa I	250118S	750 u
Hpa I	250118L	3750 u
Kpn I	250119S	3500 u
Kpn I	250119L	17500 u
Mbo I	250120S	300 u
Mbo I	250120L	1500 u
MspC I (AflII, BfrI, BspTI, Bst98I, Vha464I)	250121S	1300 u
MspC I (AflII, BfrI, BspTI, Bst98I, Vha464I)	250121L	6500 u
Nae I (MroNI, NaeI, NgoAIV, NgoMIV)	250122S	300 u
Nae I (MroNI, NaeI, NgoAIV, NgoMIV)	250122L	1500 u
Nco I (Bsp 19I)	250123S	600 u
Nco I (Bsp 19I)	250123L	3000 u
Nhe I	250146S	550 u
Nhe I	250146L	2750 u
Not I	250124S	300 u
Not I	250124L	1500 u
Nru I	250125S	700 u
Nru I	250125L	3500 u
Pst I	250127S	8000 u
Pst I	250127L	40000 u
Pvu II	250128S	4500 u
Pvu II	250128L	22500 u
Rsa I	250129S	1000 u
Rsa I	250129L	5000 u
Sal I	250130S	2000 u
Sal I	250130L	10000 u
Sau3A I	250147S	500 u
Sau3A I	250147L	2500 u
Sca I	250131S	1200 u
Sca I	250131L	6000 u
Sfi I	250132S	400 u
Sfi I	250132L	2000 u
SgrB I (Cfr42I, KspI, SacII, Sfr303I, SstII)	250133S	1600 u
SgrB I (Cfr42I, KspI, SacII, Sfr303I, SstII)	250133L	8000 u
Sla I (PaeR7I, Sfr274I, ThI, XhoI)	250134S	5000 u
Sla I (PaeR7I, Sfr274I, ThI, XhoI)	250134L	25000 u
Sma I	250135S	1100 u
Sma I	250135L	5500 u
SnaB I	250136S	350 u
SnaB I	250136L	1750 u
Sph I	250137S	250 u
Sph I	250137L	1250 u
SseB I (AatI, Eco147I, Pme55I, StuI)	250138S	1500 u
SseB I (AatI, Eco147I, Pme55I, StuI)	250138L	7500 u

Ssp I	250139S	600 u
Ssp I	250139L	3000 u
Sst I	250140S	1600 u
Sst I	250140L	8000 u
Sty I	250141S	6000 u
Sty I	250141L	30000 u
Taq I	250142S	3500 u
Taq I	250142L	17500 u
Xba I	250143S	3500 u
Xba I	250143L	17500 u

**Restriction endonucleases: Classic line**

Units

**Buffer and Additives:**

BSA (Bovine Serum Albumine MBG) 10 mg/ml	290001	1,0 ml
BSA (Bovine Serum Albumine MBG) 10 mg/ml	290005	5 x 1,0 ml
Acc16I	284002	200 u
Ahl I	262010	1000 u
Bgl I	265010	1000 u
Bgl II	213010	1000 u
Bsa29 I	214010	1000 u
Bse21 I	269005	500 u
Bsp19 I	215005	500u
BssT1 I	273010	1000 u
Bst4C I	216002	200 u
BstFN I	275003	300 u
BstH2 I	217005	500 u
CciN I	220002	200 u
Dra I	221005	1000 u
EcoR V	223010	1000 u
HspA I	279010	1000 u
Kpn I	227020	2000 u
Kzo9 I	229002	200 u
Mlu I	230010	1000 u
MroNI	231005	500 u
Nru I	233005	500 u
Pci I	234002	200 u
Ple19 I	235001	100 u
Pce I	236010	1000 u
Pst I	239040	4000 u
Sal I	242020	2000 u
Sfi I	244005	500 u
Sma I	246020	2000 u
Sph I	248002	200 u
Sse9 I	249001	100 u
Ssp I	250005	500 u
Taq I	251002	200 u
Vsp I	254010	1000 u

## 7. ENZYMES AND FINE CHEMICALS

Proteinase K	405002	200mg
Proteinase K	405010	1g
Proteinase K (20mg/ml)	405102	1ml
Proteinase K (20mg/ml)	405152	5 x 1ml
Exo-resistant random primer (0,5mM)	403001	100 µl
Exo-resistant random primer (0,5mM)	403008	5x100 µl
T4 DNA ligase	402002	2000 u
T4 DNA ligase	402010	10000 u

T4 RNA ligase	404010	1000 u
T4 RNA ligase	404050	5000 u
T4 polynucleotidekinase	403005	500 u
T4 polynucleotidekinase	403025	2500 u
DNA Polymerase I, Large (Klenow) Fragment	401002	200 u
DNA Polymerase I, Large (Klenow) Fragment	401010	1000 u
Exonuclease III	405040	4000 u
Exonuclease III	405200	20000 u
Tli-inorganic pyrophosphatase	404305	100 u
Tli-inorganic pyrophosphatase	404325	500 u
<b>FINE CHEMICALS</b>		
Exo-resistant random primer (0,5mM)	403001	100 µl
Exo-resistant random primer (0,5mM)	403008	5 x100 µl
Agarose	604001	100g
Agarose NEW PRICE	604005	500g
IPTG (MBG, > 99,5 %)	406010	1 g
IPTG (MBG, > 99,5 %)	406050	5 g
X-Gal (MBG, > 99 %)	406501	1 g
X-Gal (MBG, > 99 %)	406505	5 g
X-Gal (MBG, > 99 %)	406505	5 g
X-Gal (MBG, > 99 %)	406525	10 g
Linear Polyacrylamid sol. 5mg/ml	130101	1 ml
Linear Polyacrylamid sol. 5mg/ml	130105	5x1ml
Random Primers	402001	30µg
Oligo(dt) <sub>15</sub> , 1 DA	509001	30µg

## 8. DEVICES

Spectralphotometer A-007	900100	1 unit
Cuvette 1 (150 µl)	900105	1 unit
Cuvette 2 (8 µl)	900110	1 unit
Data Capture software with USB cable	900115	1 unit
Gene Machine Fluorescent detector 4 CL (with software, Interface and Certificate)	900010	1 unit
PCR-Diagnostic Kits for Gene-Machine (with Internal Control)		
<i>See 2 - PCR Diagnostic</i>		

## 9. CONSUMABLES

### Light Cycler Capillaries (Polycarbonate)

Rotor for Light Cycler 1.2 or 1.5	A3130RO0	1 Rotor
Rotor for Light Cycler 2.0	A3130RO1	1 Rotor
qPCR-capillaries, caps, transferpin, clear	A3130100	100 pcs
qPCR-capillaries, caps, transferpin, clear, in Racks	A3130960	10 racks of 96 pcs
LightCycler qPCR-capillaries Set with rotor-adapter for light cycler 1.2 or 1.5	A3130SK0	1 Rotor; 5x96 racks
LightCycler qPCR-capillaries Set with rotor-adapter for light cycler 2.0	A3130SK1	1 Rotor; 5x96 racks

### Liquid Handling

Centrifuge tubes 50 ml (sterile)	B50050	500
Centrifuge 15 ml, sterile	B50015	500
Petri Dishes d=90mm pack of 23	L122518	552

### Universal Tips ( 200 µl bevelled tips), fine point design, in racks or bags

Tips 0,1-10 µl in bags	A1000810	1000 (2 x 500)
Tip 0,1-10 µl in racks, steril	A1001960	10x96

Tip 200 µl in bags	A1110811	1000 (2 x 500)
Tip 200 µl in racks, steril	A1111960	10x96
Tip 1000 µl in bags (2x500pcs)	A1200802	1000 (2 x 500)
Tip 1000 µl in racks, steril	A1201960	10x96

### High Precision Filter Tips in racks or bags

FilterTip 0,1-10 µl in racks, steril	A2001960	10x96
Filter Tip 50 µl in racks, steril	A2111960	10x96
Filter Tip 230 µl in racks, steril	A2115960	10x96
Filter Tip 1000 µl in racks, steril	A2201960	10x96
FilterTip 0,1-10 µl in bags,steril	A2001700	1.000
Filter Tip 50 µl in bags, steril	A2111700	1.000
Filter Tip 230 µl in bags, steril	A2115700	1.000
Filter Tip 1000 µl in bags, steril	A2201700	1.000

### High Quality Thin Walled PCR-Tubes

PCR-Tubes 0,2 ml, flat cap in bags	A3010800	1.000
PCR-Tubes 0,2 ml, domed in bags	A3020800	1.000
Available in:clear, yellow, blue, margenta		
PCR-Tubes 0.5 ml, flat cap in bags	A3110800	1.000
Available in:clear, yellow, blue, margenta		

### High Quality Micro Test Tubes 0.5 ml, 1,5 ml. 2 ml

Micro-Test tube 0.5 ml in bags	A3115800	1.000
Micro-Test tube 1.5 ml in bags	A3205500	1.000
Micro-Test tube 1.5 ml in bags (steril)	A3207500	1.000
Micro-Test tube 2.0 ml in bags	A3204500	1.000
Micro-Test tube 2.0 ml in bags (steril)	A3208500	1.000

### Tissue Culture consumables

Tissue Culture Flasks 25cm <sup>2</sup> , 60ml with filter cap	B70025	200
Tissue Culture Flasks 75cm <sup>2</sup> , 270ml with filter cap	B70075	100
Tissue Culture Flasks 150cm <sup>2</sup> , 790ml with filter cap	B72175	40
Easy Cell Scraper Gamma sterilized L=24 cm	S2060100	100
Easy Cell Scraper Gamma sterilized L=30 cm	S2060200	100
Tissue Culture Test Plates 6-wells, flat-bottom	B30006	50

### Dialysis

#### High Quality Regenerated Cellulose Dialysis Membranes

T1, 19mm x 15M, MWCO 3500	O-5015-19	15M roll
T1, 46mm x 15M, MWCO 3500	O-5015-46	15M roll
T1, 55mm x 15M, MWCO 3500	O-5015-55	15M roll
T1, 19mm x 30M, MWCO 3500	O-5030-19	30M roll
T1, 46mm x 30M, MWCO 3500	O-5030-46	30M roll
T2, 10mm x 15M, MWCO 6000-8000	O-8015-10	15M roll
T2, 100mm x 15M, MWCO 6000-8000	O-8015-100	15M roll
T2, 23mm x 15M, MWCO 6000-8000	O-8015-23	15M roll
T2, 25mm x 15M, MWCO 6000-8000	O-8015-25	15M roll
T2, 32mm x 15M, MWCO 6000-8000	O-8015-32	15M roll
T2, 40mm x 15M, MWCO 6000-8000	O-8015-40	15M roll
T2, 50mm x 15M, MWCO 6000-8000	O-8015-50	15M roll
T2, 10mm x 30M, MWCO 6000-8000	O-8030-10	30M roll
T2, 23mm x 30M, MWCO 6000-8000	O-8030-23	30M roll
T2, 25mm x 30M, MWCO 6000-8000	O-8030-25	30M roll
T2, 32mm x 30M, MWCO 6000-8000	O-8030-32	30M roll
T2, 40mm x 30M, MWCO 6000-8000	O-8030-40	30M roll
T2, 50mm x 30M, MWCO 6000-8000	O-8030-50	30M roll
T3, 76mm x 5M, MWCO 12-14000	O-1205-76	5M roll
T3, 76mm x 10M, MWCO 12-14000	O-1210-76	10M roll
T3, 10mm x 15M, MWCO 12-14000	O-1215-10	10M roll
T3, 25mm x 15M, MWCO 12-14000	O-1215-25	15M roll
T3, 33mm x 15M, MWCO 12-14000	O-1215-33	15M roll

T3, 45mm x 15M, MWCO 12-14000	O-1215-45	15M roll
T3, 10mm x 30M, MWCO 12-14000	O-1230-10	30M roll
T3, 25mm x 30M, MWCO 12-14000	O-1230-25	30M roll
T3, 33mm x 30M, MWCO 12-14000	O-1230-33	30M roll
T3, 45mm x 30M, MWCO 12-14000	O-1230-45	30M roll
T4, 75mm x 15M, MWCO 12-14000	O-1415-75	15M roll
T4, 10mm x 30M, MWCO 12-14000	O-1430-10	30M roll
T4, 25mm x 30M, MWCO 12-14000	O-1430-25	30M roll
T4, 33mm x 30M, MWCO 12-14000	O-1430-33	30M roll
T4, 45mm x 30M, MWCO 12-14000	O-1430-45	30M roll
H1, 18mm x 50cm, 1K MWCO	O-1-0150-1	10/pk
H1, 38mm x 50cm, 1K MWCO	O-1-0150-3	10/pk
H1, 45mm x 50cm, 1K MWCO	O-1-0150-4	10/pk
H1, 10mm x 50cm, 2K MWCO	O-1-0250-1	10/pk
H1, 18mm x 50cm, 2K MWCO	O-1-0250-1	10/pk
H1, 38mm x 50cm, 2K MWCO	O-1-0250-3	10/pk
H1, 45mm x 50cm, 2K MWCO	O-1-0250-4	10/pk
H1, 18mm x 50cm, 5K MWCO	O-1-0550-1	10/pk
H1, 20mm x 50cm, 5K MWCO	O-1-0550-2	10/pk
H1, 30mm x 50cm, 5K MWCO	O-1-0550-3	10/pk
H1, 40mm x 50cm, 5K MWCO	O-1-0550-4	10/pk
H1, 10mm x 50cm, 10K MWCO	O-1-1050-1	10/pk
H1, 25mm x 50cm, 10K MWCO	O-1-1050-2	10/pk
H1, 32mm x 50cm, 10K MWCO	O-1-1050-3	10/pk
H1, 40mm x 50cm, 10K MWCO	O-1-1050-4	10/pk
H1, 10mm x 50cm, 15K MWCO	O-1-1550-1	10/pk
H1, 25mm x 50cm, 15K MWCO	O-1-1550-2	10/pk
H1, 32mm x 50cm, 15K MWCO	O-1-1550-3	10/pk
H1, 45mm x 50cm, 15K MWCO	O-1-1550-4	10/pk
H1, 12mm x 50cm, 25K MWCO	O-1-2550-1	10/pk
H1, 25mm x 50cm, 25K MWCO	O-1-2550-2	10/pk
H1, 35mm x 50cm, 25K MWCO	O-1-2550-3	10/pk
H1, 40mm x 50cm, 25K MWCO	O-1-2550-4	10/pk
H1, 28mm x 50cm, 50K MWCO	O-1-5050-2	10/pk
H1, 34mm x 50cm, 50K MWCO	O-1-5050-3	10/pk
H1, 18mm x 50cm, 1K MWCO	O-5-0150-1	5/pk
H1, 38mm x 50cm, 1K MWCO	O-5-0150-3	5/pk
H1, 45mm x 50cm, 1K MWCO	O-5-0150-4	5/pk
H1, 10mm x 50cm, 2K MWCO	O-5-0250-1	5/pk
H1, 18mm x 50cm, 2K MWCO	O-5-0250-1	5/pk
H1, 38mm x 50cm, 2K MWCO	O-5-0250-3	5/pk
H1, 45mm x 50cm, 2K MWCO	O-5-0250-4	5/pk
H1, 18mm x 50cm, 5K MWCO	O-5-0550-1	5/pk
H1, 20mm x 50cm, 5K MWCO	O-5-0550-2	5/pk
H1, 30mm x 50cm, 5K MWCO	O-5-0550-3	5/pk
H1, 40mm x 50cm, 5K MWCO	O-5-0550-4	5/pk
H1, 10mm x 50cm, 10K MWCO	O-5-1050-1	5/pk
H1, 25mm x 50cm, 10K MWCO	O-5-1050-2	5/pk
H1, 32mm x 50cm, 10K MWCO	O-5-1050-3	5/pk
H1, 40mm x 50cm, 10K MWCO	O-5-1050-4	5/pk
H1, 10mm x 50cm, 15K MWCO	O-5-1550-1	5/pk
H1, 25mm x 50cm, 15K MWCO	O-5-1550-2	5/pk
H1, 32mm x 50cm, 15K MWCO	O-5-1550-3	5/pk
H1, 45mm x 50cm, 15K MWCO	O-5-1550-4	5/pk
H1, 12mm x 50cm, 25K MWCO	O-5-2550-1	5/pk
H1, 25mm x 50cm, 25K MWCO	O-5-2550-2	5/pk
H1, 35mm x 50cm, 25K MWCO	O-5-2550-3	5/pk
H1, 40mm x 50cm, 25K MWCO	O-5-2550-4	5/pk

H1, 28mm x 50cm, 50K MWCO	O-5-5050-2	5/pk
H1, 34mm x 50cm, 50K MWCO	O-5-5050-3	5/pk
H1, 19mm, 3.5K MWCO	O-0305-19	5M roll
H1, 46mm, 3.5K MWCO	O-0305-46	5M roll
H1, 19mm, 3.5K MWCO	O-0310-19	10M roll
H1, 46mm, 3.5K MWCO	O-0310-46	10M roll
H1, 12mm, 8K MWCO	O-0805-12	5M roll
H1, 24mm, 8K MWCO	O-0805-24	5M roll
H1, 32mm, 8K MWCO	O-0805-32	5M roll
H1, 40mm, 8K MWCO	O-0805-40	5M roll
H1, 50mm, 8K MWCO	O-0805-50	5M roll
H1, 12mm, 8K MWCO	O-0810-12	10M roll
H1, 24mm, 8K MWCO	O-0810-24	10M roll
H1, 32mm, 8K MWCO	O-0810-32	10M roll
H1, 40mm, 8K MWCO	O-0810-40	10M roll
H1, 50mm, 8K MWCO	O-0810-50	10M roll
H1, 12mm, 10K MWCO	O-1005-12	5M roll
H1, 24mm, 10K MWCO	O-1005-24	5M roll
H1, 32mm, 10K MWCO	O-1005-32	5M roll
H1, 45mm, 10K MWCO	O-1005-45	5M roll
H1, 50mm, 10K MWCO	O-1005-50	5M roll
H1, 12mm, 10K MWCO	O-1010-12	10M roll
H1, 24mm, 10K MWCO	O-1010-24	10M roll
H1, 32mm, 10K MWCO	O-1010-32	10M roll
H1, 45mm, 10K MWCO	O-1010-45	10M roll
H1, 50mm, 10K MWCO	O-1010-50	10M roll
H1, 12mm, 15K MWCO	O-1505-12	5M roll
H1, 25mm, 15K MWCO	O-1505-25	5M roll
H1, 34mm, 15K MWCO	O-1505-34	5M roll
H1, 45mm, 15K MWCO	O-1505-45	5M roll
H1, 12mm, 15K MWCO	O-1510-12	10M roll
H1, 25mm, 15K MWCO	O-1510-25	10M roll
H1, 34mm, 15K MWCO	O-1510-34	10M roll
H1, 45mm, 15K MWCO	O-1510-45	10M roll
Soft Lock Clamps	O-ADTC-05	8/pk
105mm Clamp	O-CB-1010	10/pk
46mm Clamp	O-CB-1050	10/pk
65mm Clamp	O-CB-1070	10/pk
Accessory Kit	O-DMAK-01	kit
Dialysis Bag Holder	O-MBHS-01	5/pk
Large Filler Funnel	O-MFPL-05	5/pk
Small Filler Funnel	O-MFPS-05	5/pk
F1, 55mm sq. Sheets, 3.5K MWCO	O-Q5010-50	10/pk
F2, 55mm sq. Sheets, 6-8K MWCO	O-Q8010-50	10/pk
F3, 55mm sq. Sheets, 12-14K MWCO	O-Q1210-50	10/pk
QuixSep, 100 µl	O-QS1-010	1 ea
QuixSep, 500 µl	O-QS1-050	1 ea
QuixSep, 1000 µl	O-QS1-100	1 ea
QuixSep, 5 ml	O-QS1-500	1 ea
QuixSep, 100 µl	O-QS3-010	3/pk
QuixSep, 500 µl	O-QS3-050	3/pk
QuixSep, 1000 µl	O-QS3-100	3/pk
QuixSep, multiple sizes	O-QS3-151	3/pk