

Enhanced Endpoint Polymerases - 5x buffer includes dNTPs, MgCl₂ and enhancers

Product name	Technique	Pack size	Presentation	Cat. No.
PCRBIO Taq DNA Polymerase	routine application PCR	500 units	[1x0.1ml 5u/μl] & [4x1ml buffer]	PB10.11-05
	routine application PCR	2000 units	[4x0.1ml 5u/μl] & [16x1ml buffer]	PB10.11-20
	routine application PCR	4000 units	[8x0.1ml 5u/μl] & [32x1ml buffer]	PB10.11-40
PCRBIO HS Taq DNA Polymerase	novel hot start technology	250 units	[1x0.05ml 5u/μl] & [2x1ml buffer]	PB10.21-02
	novel hot start technology	1000 units	[4x0.05ml 5u/μl] & [8x1ml buffer]	PB10.21-10
	novel hot start technology	5000 units	[20x0.05ml 5u/μl] & [40x1ml buffer]	PB10.21-50
PCRBIO Ultra Polymerase	long range and "difficult" PCR	250 units	[1x0.05ml 5u/μl] & [2x1ml buffer]	PB10.31-02
	long range and "difficult" PCR	1000 units	[4x0.05ml 5u/μl] & [8x1ml buffer]	PB10.31-10
PCRBIO HiFi Polymerase	high fidelity PCR	200 units	[1x0.1ml 2u/μl] & [3x1ml buffer]	PB10.41-02
	high fidelity PCR	1000 units	[5x0.1ml 2u/μl] & [15x1ml buffer]	PB10.41-10

Classic Taq - 10x buffer includes MgCl₂ and enhancers

Product name	Technique	Pack size	Presentation	Cat. No.
PCRBIO Classic Taq	classic PCR	1000 units	[1x0.2ml 5u/μl] & [2x1.5ml buffer]	PB10.15-01
	classic PCR	2000 units	[2x0.2ml 5u/μl] & [4x1.5ml buffer]	PB10.15-02
	classic PCR	6000 units	[6x0.2ml 5u/μl] & [12x1.5ml buffer]	PB10.15-06

dNTP Mix - ultra pure dNTPs for PCR

Product name	Technique	Pack size	Presentation	Cat. No.
dNTP Mix (40mM total)	classic PCR	10mM each	1x0.5ml	PB10.71-05
	classic PCR	10mM each	1x1ml	PB10.71-10
dNTP Mix (100mM total)	classic PCR	25mM each	1x0.5ml	PB10.72-05
	classic PCR	25mM each	1x1ml	PB10.72-10

Endpoint Ready Mixes - 2x mix includes dNTP, MgCl₂, enhancers and stabilizers

Product name	Technique	Pack size	Presentation	Cat. No.
PCRBIO Taq Mix	routine application PCR	200 reactions	5x1ml	PB10.12-02
	routine application PCR	1000 reactions	5x(5x1ml)	PB10.12-10
PCRBIO Taq Mix Red	routine PCR, direct gel loading	200 reactions	5x1ml	PB10.13-02
	routine PCR, direct gel loading	1000 reactions	5x(5x1ml)	PB10.13-10
PCRBIO HS Taq Mix	novel hot start technology	200 reactions	5x1ml	PB10.22-02
	novel hot start technology	1000 reactions	5x(5x1ml)	PB10.22-10
PCRBIO HS Taq Mix Red	hot start, direct gel loading	200 reactions	5x1ml	PB10.23-02
	hot start, direct gel loading	1000 reactions	5x(5x1ml)	PB10.23-10
PCRBIO Ultra Mix	long range and "difficult" PCR	80 reactions	2x1ml	PB10.32-01
	long range and "difficult" PCR	400 reactions	5x(2x1ml)	PB10.32-05
PCRBIO Ultra Mix Red	long range and "difficult" PCR	80 reactions	2x1ml	PB10.33-01
	long range and "difficult" PCR	400 reactions	5x(2x1ml)	PB10.33-05
PCRBIO 1-Step RT-PCR Kit	endpoint PCR from RNA	50 reactions	[1x1.25ml mix] & [1x125μl RTase]	PB10.52-05
	endpoint PCR from RNA	100 reaction	[2x1.25ml mix] & [2x125μl RTase]	PB10.52-10
PCRBIO Rapid Extract PCR Kit	endpoint PCR from RNA	500 reactions	[10x1.25ml mix] & [10x125μl RTase]	PB10.52-50
	direct PCR from mammalian tissue	80 reactions	[2x1ml mix] & [1x1.6ml buffer A] & [1x0.8ml buffer B]	PB10.24-08
	direct PCR from mammalian tissue	400 reactions	[10x1ml mix] & [5x1.6ml buffer A] & [5x0.8ml buffer B]	PB10.24-40

DNA Markers - ready to load and room temperature stable

Product name	Technique	Pack size	Presentation	Cat. No.
PCRBIO Ladder I	DNA marker - 100bp - 10kb	100 lanes	1x0.5ml	PB40.11-01
	DNA marker - 100bp - 10kb	500 lanes	5x0.5ml	PB40.11-05
PCRBIO Ladder II	DNA marker - 250bp - 10kb	100 lanes	1x0.5ml	PB40.12-01
	DNA marker - 250bp - 10kb	500 lanes	5x0.5ml	PB40.12-05
PCRBIO Ladder III	DNA marker - 50bp - 1500bp	100 lanes	1x0.5ml	PB40.13-01
	DNA marker - 50bp - 1500bp	500 lanes	5x0.5ml	PB40.13-05
PCRBIO Ladder IV	DNA marker - 100bp - 1500 bp	100 lanes	1x0.5ml	PB40.14-01
	DNA marker - 100bp - 1500 bp	500 lanes	5x0.5ml	PB40.14-05

qPCRBIO cDNA Synthesis Kit - generation of unbiased cDNA for qPCR experiments

Product name	Technique	Pack size	Presentation	Cat. No.
qPCRBIO cDNA Synthesis Kit	cDNA generation for qPCR	25 reactions	[0.1ml mix] & [0.025ml RTase]	PB30.11-02
	cDNA generation for qPCR	100 reactions	[0.1ml mix] & [0.1ml RTase]	PB30.11-10

UltraScript Reverse Transcriptase - generation of high quality cDNA for downstream applications

Product name	Technique	Pack size	Presentation	Cat. No.
UltraScript Reverse Transcriptase	cDNA generation	10,000 units	[2x25μl 200 units/μl] & [1x200μl buffer]	PB30.12-01
	cDNA generation	40,000 units	[2x100μl 200 units/μl] & [4x200μl buffer]	PB30.12-04

qPCRBIO dUTP UDGase Additive - converts any qPCRBIO DNA kit to dUTP kit

Product name	Technique	Pack size	Presentation	Cat. No.
qPCRBIO dUTP UDGase Additive	dUTP converter kit	500 reactions	1x500μl	PB20.51



Real-Time PCR Mixes - 2x mix includes dNTP, MgCl₂, enhancers and stabilizers

Product name	Technique	Pack size	Presentation	Cat. No.
qPCR BIO SyGreen Mix Lo-ROX	SyGreen real-time PCR	100x20µl rxns	1x1ml	PB20.11-01
	SyGreen real-time PCR	500x20µl rxns	5x1ml	PB20.11-05
	SyGreen real-time PCR	2000x20µl rxns	20x1ml	PB20.11-20
	SyGreen real-time PCR 50ml	2000x20µl rxns	1x50ml	PB20.11-50
qPCR BIO SyGreen Mix Hi-ROX	SyGreen real-time PCR	100x20µl rxns	1x1ml	PB20.12-01
	SyGreen real-time PCR	500x20µl rxns	5x1ml	PB20.12-05
	SyGreen real-time PCR	2000x20µl rxns	20x1ml	PB20.12-20
	SyGreen real-time PCR 50ml	5000x20µl rxns	1x50ml	PB20.12-50
qPCR BIO SyGreen Mix Separate-ROX	SyGreen real-time PCR - No-Lo-Hi-ROX	100x20µl rxns	[1x1ml mix] & [1x150µl ROX]	PB20.14-01
	SyGreen real-time PCR - No-Lo-Hi-ROX	500x20µl rxns	[5x1ml mix] & [1x150µl ROX]	PB20.14-05
	SyGreen real-time PCR - No-Lo-Hi-ROX	2000x20µl rxns	[20x1ml mix] & [4x150µl ROX]	PB20.14-20
	SyGreen real-time PCR 50ml - No-Lo-Hi-ROX	5000x20µl rxns	[1x50ml mix] & [1x520µl ROX]	PB20.14-50
qPCR BIO SyGreen Mix with Fluorescein	SyGreen real-time PCR	100x20µl rxns	1x1ml	PB20.13-01
	SyGreen real-time PCR	500x20µl rxns	5x1ml	PB20.13-05
	SyGreen real-time PCR	2000x20µl rxns	20x1ml	PB20.13-20
	SyGreen real-time PCR 50ml	5000x20µl rxns	1x50ml	PB20.13-50
qPCR BIO SyGreen Blue Mix Lo-ROX	SyGreen real-time PCR	100x20µl rxns	1x1ml	PB20.15-01
	SyGreen real-time PCR	500x20µl rxns	5x1ml	PB20.15-05
	SyGreen real-time PCR	2000x20µl rxns	20x1ml	PB20.15-20
	SyGreen real-time PCR 50ml	2000x20µl rxns	1x50ml	PB20.15-50
qPCR BIO SyGreen Blue Mix Hi-ROX	SyGreen real-time PCR	100x20µl rxns	1x1ml	PB20.16-01
	SyGreen real-time PCR	500x20µl rxns	5x1ml	PB20.16-05
	SyGreen real-time PCR	2000x20µl rxns	20x1ml	PB20.16-20
	SyGreen real-time PCR 50ml	5000x20µl rxns	1x50ml	PB20.16-50
qPCR BIO SyGreen Blue Mix Separate-ROX	SyGreen real-time PCR - No-Lo-Hi-ROX	100x20µl rxns	[1x1ml mix] & [1x150µl ROX]	PB20.17-01
	SyGreen real-time PCR - No-Lo-Hi-ROX	500x20µl rxns	[5x1ml mix] & [1x150µl ROX]	PB20.17-05
	SyGreen real-time PCR - No-Lo-Hi-ROX	2000x20µl rxns	[20x1ml mix] & [4x150µl ROX]	PB20.17-20
	SyGreen real-time PCR 50ml - No-Lo-Hi-ROX	5000x20µl rxns	[1x50ml mix] & [1x520µl ROX]	PB20.17-50
qPCR BIO Probe Mix No-ROX	probe based assays universal	100x20µl rxns	1x1ml	PB20.23-01
	probe based assays universal	500x20µl rxns	5x1ml	PB20.23-05
	probe based assays universal	2000x20µl rxns	20x1ml	PB20.23-20
	probe based assays universal 50ml	5000x20µl rxns	1x50ml	PB20.23-50
qPCR BIO Probe Mix Lo-ROX	probe based assays universal	100x20µl rxns	1x1ml	PB20.21-01
	probe based assays universal	500x20µl rxns	5x1ml	PB20.21-05
	probe based assays universal	2000x20µl rxns	20x1ml	PB20.21-20
	probe based assays universal 50ml	5000x20µl rxns	1x50ml	PB20.21-50
qPCR BIO Probe Mix Hi-ROX	probe based assays universal	100x20µl rxns	1x1ml	PB20.22-01
	probe based assays universal	500x20µl rxns	5x1ml	PB20.22-05
	probe based assays universal	2000x20µl rxns	20x1ml	PB20.22-20
	probe based assays universal 50ml	5000x20µl rxns	1x50ml	PB20.22-50
qPCR BIO Probe Mix Separate-ROX	probe based assays universal - No-Lo-Hi-ROX	100x20µl rxns	[1x1ml mix] & [1x150µl ROX]	PB20.24-01
	probe based assays universal - No-Lo-Hi-ROX	500x20µl rxns	[5x1ml mix] & [1x150µl ROX]	PB20.24-05
	probe based assays universal - No-Lo-Hi-ROX	2000x20µl rxns	[20x1ml mix] & [4x150µl ROX]	PB20.24-20
	probe based assays universal 50ml - No-Lo-Hi-ROX	5000x20µl rxns	[1x50ml mix] & [1x520µl ROX]	PB20.24-50
qPCR BIO Probe Blue Mix Lo-ROX	probe based assays universal	100x20µl rxns	1x1ml	PB20.25-01
	probe based assays universal	500x20µl rxns	5x1ml	PB20.25-05
	probe based assays universal	2000x20µl rxns	20x1ml	PB20.25-20
	probe based assays universal 50ml	5000x20µl rxns	1x50ml	PB20.25-50
qPCR BIO Probe Blue Mix Hi-ROX	probe based assays universal	100x20µl rxns	1x1ml	PB20.26-01
	probe based assays universal	500x20µl rxns	5x1ml	PB20.26-05
	probe based assays universal	2000x20µl rxns	20x1ml	PB20.26-20
	probe based assays universal 50ml	5000x20µl rxns	1x50ml	PB20.26-50
qPCR BIO Probe Blue Mix Separate-ROX	probe based assays universal - No-Lo-Hi-ROX	100x20µl rxns	[1x1ml mix] & [1x150µl ROX]	PB20.27-01
	probe based assays universal - No-Lo-Hi-ROX	500x20µl rxns	[5x1ml mix] & [1x150µl ROX]	PB20.27-05
	probe based assays universal - No-Lo-Hi-ROX	2000x20µl rxns	[20x1ml mix] & [4x150µl ROX]	PB20.27-20
	probe based assays universal 50ml - No-Lo-Hi-ROX	5000x20µl rxns	[1x50ml mix] & [1x520µl ROX]	PB20.27-50
qPCR BIO HRM Mix	high resolution melt analysis	100x20µl rxns	1x1ml	PB20.31-01
	high resolution melt analysis	500x20µl rxns	5x1ml	PB20.31-05
	high resolution melt analysis	2000x20µl rxns	20x1ml	PB20.31-20
	high resolution melt analysis	5000x20µl rxns	1x50ml	PB20.31-50
qPCR BIO Genotyping Mix No-ROX	probe based genotyping	100x20µl rxns	1x1ml	PB20.43-01
	probe based genotyping	500x20µl rxns	5x1ml	PB20.43-05
	probe based genotyping	2000x20µl rxns	20x1ml	PB20.43-20
	probe based genotyping	5000x20µl rxns	1x50ml	PB20.43-50
qPCR BIO Genotyping Mix Lo-ROX	probe based genotyping	100x20µl rxns	1x1ml	PB20.41-01
	probe based genotyping	500x20µl rxns	5x1ml	PB20.41-05
	probe based genotyping	2000x20µl rxns	20x1ml	PB20.41-20
	probe based genotyping	5000x20µl rxns	1x50ml	PB20.41-50
qPCR BIO Genotyping Mix Hi-ROX	probe based genotyping	100x20µl rxns	1x1ml	PB20.42-01
	probe based genotyping	500x20µl rxns	5x1ml	PB20.42-05
	probe based genotyping	2000x20µl rxns	20x1ml	PB20.42-20
	probe based genotyping	5000x20µl rxns	1x50ml	PB20.42-50
qPCR BIO SyGreen 1-Step Detect Lo-ROX	SyGreen qPCR from RNA	100x20µl rxns	[1x1ml mix] & [1x200µl RTase]	PB25.11-01
	SyGreen qPCR from RNA	300x20µl rxns	[3x1ml mix] & [3x200µl RTase]	PB25.11-03
	SyGreen qPCR from RNA	1200x20µl rxns	[12x1ml mix] & [12x200µl RTase]	PB25.11-12
qPCR BIO SyGreen 1-Step Detect Hi-ROX	SyGreen qPCR from RNA	100x20µl rxns	[1x1ml mix] & [1x200µl RTase]	PB25.12-01
	SyGreen qPCR from RNA	300x20µl rxns	[3x1ml mix] & [3x200µl RTase]	PB25.12-03
	SyGreen qPCR from RNA	1200x20µl rxns	[12x1ml mix] & [12x200µl RTase]	PB25.12-12
qPCR BIO SyGreen 1-Step Go Lo-ROX	SyGreen qPCR from RNA	100x20µl rxns	[1x1ml mix] & [1x100µl RTase Go]	PB25.31-01
	SyGreen qPCR from RNA	300x20µl rxns	[3x1ml mix] & [3x100µl RTase Go]	PB25.31-03
	SyGreen qPCR from RNA	1200x20µl rxns	[12x1ml mix] & [12x100µl RTase Go]	PB25.31-12
qPCR BIO SyGreen 1-Step Go Hi-ROX	SyGreen qPCR from RNA	100x20µl rxns	[1x1ml mix] & [1x100µl RTase Go]	PB25.32-01
	SyGreen qPCR from RNA	300x20µl rxns	[3x1ml mix] & [3x100µl RTase Go]	PB25.32-03
	SyGreen qPCR from RNA	1200x20µl rxns	[12x1ml mix] & [12x100µl RTase Go]	PB25.32-12
qPCR BIO Probe 1-Step Go No-ROX	probe qPCR from RNA	100x20µl rxns	[1x1ml mix] & [1x100µl RTase Go]	PB25.43-01
	probe qPCR from RNA	300x20µl rxns	[3x1ml mix] & [3x100µl RTase Go]	PB25.43-03
	probe qPCR from RNA	1200x20µl rxns	[12x1ml mix] & [12x100µl RTase Go]	PB25.43-12
qPCR BIO Probe 1-Step Go Lo-ROX	probe qPCR from RNA	100x20µl rxns	[1x1ml mix] & [1x100µl RTase Go]	PB25.41-01
	probe qPCR from RNA	300x20µl rxns	[3x1ml mix] & [3x100µl RTase Go]	PB25.41-03
	probe qPCR from RNA	1200x20µl rxns	[12x1ml mix] & [12x100µl RTase Go]	PB25.41-12
qPCR BIO Probe 1-Step Go Hi-ROX	probe qPCR from RNA	100x20µl rxns	[1x1ml mix] & [1x100µl RTase Go]	PB25.42-01
	probe qPCR from RNA	300x20µl rxns	[3x1ml mix] & [3x100µl RTase Go]	PB25.42-03
	probe qPCR from RNA	1200x20µl rxns	[12x1ml mix] & [12x100µl RTase Go]	PB25.42-12