

## Enhanced Endpoint Polymerases - 5x buffer includes dNTPs, MgCl<sub>2</sub> and enhancers

Product name	Technique	Pack size	Presentation	Cat. no.
PCRBIO Taq DNA Polymerase	routine application PCR	500 units	[1x0.1ml 5u/ul] & [4x1ml buffer]	PB10.11-05
	routine application PCR	2000 units	[4x0.1ml 5u/ul] & [16x1ml buffer]	PB10.11-20
	routine application PCR	4000 units	[8x0.1ml 5u/ul] & [32x1ml buffer]	PB10.11-40
PCRBIO HS Taq DNA Polymerase	antibody-mediated hot start	250 units	[1x0.05ml 5u/ul] & [2x1ml buffer]	PB10.21-02
	antibody-mediated hot start	1000 units	[4x0.05ml 5u/ul] & [8x1ml buffer]	PB10.21-10
	antibody-mediated hot start	5000 units	[20x0.05ml 5u/ul] & [40x1ml buffer]	PB10.21-50
PCRBIO Ultra Polymerase	"difficult" PCR	250 units	[1x0.05ml 5u/ul] & [2x1ml buffer]	PB10.31-02
	"difficult" PCR	1000 units	[4x0.05ml 5u/ul] & [8x1ml buffer]	PB10.31-10
PCRBIO HiFi Polymerase	high fidelity PCR	200 units	[1x0.1ml 2u/ul] & [3x1ml buffer]	PB10.41-02
	high fidelity PCR	1000 units	[5x0.1ml 2u/ul] & [15x1ml buffer]	PB10.41-10
PCRBIO VeriFi Polymerase	long range and high fidelity PCR	100 units	[1x0.05ml 2u/ul] & [1x1.7ml buffer]	PB10.42-01
	long range and high fidelity PCR	500 units	[1x0.250ml 2u/ul] & [3x1.7ml buffer]	PB10.42-05

## Classic Taq - 10x buffer includes MgCl<sub>2</sub> and enhancers

Product name	Technique	Pack size	Presentation	Cat. no.
PCRBIO Classic Taq	classic PCR	1000 units	[1x0.2ml 5u/ul] & [2x1.5ml buffer]	PB10.15-01
	classic PCR	2000 units	[2x0.2ml 5u/ul] & [4x1.5ml buffer]	PB10.15-02
	classic PCR	6000 units	[6x0.2ml 5u/ul] & [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, MgCl<sub>2</sub>, enhancers and stabilizers

Product name	Technique	Pack size	Presentation	Cat. no.
PCRBIO Taq Mix	routine application PCR	200x50ul reactions	5x1ml	PB10.12-02
	routine application PCR	1000x50ul reactions	5x(5x1ml)	PB10.12-10
PCRBIO Taq Mix Red	routine PCR, direct gel loading	200x50ul reactions	5x1ml	PB10.13-02
	routine PCR, direct gel loading	1000x50ul reactions	5x(5x1ml)	PB10.13-10
PCRBIO HS Taq Mix	antibody-mediated hot start	200x50ul reactions	5x1ml	PB10.22-02
	antibody-mediated hot start	1000x50ul reactions	5x(5x1ml)	PB10.22-10
PCRBIO HS Taq Mix Red	hot start, direct gel loading	200x50ul reactions	5x1ml	PB10.23-02
	hot start, direct gel loading	1000x50ul reactions	5x(5x1ml)	PB10.23-10
PCRBIO Ultra Mix	"difficult" PCR	80x50ul reactions	2x1ml	PB10.32-01
	"difficult" PCR	400x50ul reactions	5x(2x1ml)	PB10.32-05
PCRBIO Ultra Mix Red	"difficult" PCR, direct gel loading	80x50ul reactions	2x1ml	PB10.33-01
	"difficult" PCR, direct gel loading	400x50ul reactions	5x(2x1ml)	PB10.33-05
PCRBIO VeriFi Mix	long range and high fidelity PCR	100x50ul reactions	2x1.25ml	PB10.43-01
	long range and high fidelity PCR	500x50ul reactions	2x(5x1.25ml)	PB10.43-05
PCRBIO VeriFi Mix Red	high fidelity, direct gel loading	100x50ul reactions	2x1.25ml	PB10.44-01
	high fidelity, direct gel loading	500x50ul reactions	2x(5x1.25ml)	PB10.44-05
PCRBIO 1-Step Go RT-PCR Kit	endpoint PCR from RNA	50x50ul reactions	[1x1.25ml mix] & [1x125ul RTase]	PB10.53-05
	endpoint PCR from RNA	100x50ul reactions	[2x1.25ml mix] & [2x125ul RTase]	PB10.53-10
	endpoint PCR from RNA	500x50ul reactions	[10x1.25ml mix] & [10x125ul RTase]	PB10.53-50

## DNA Extraction Kits - convenient, column free DNA extraction

Product name	Technique	Pack size	Presentation	Cat. no.
PCRBIO Rapid Extract PCR Kit	direct PCR from mammalian tissue	80x50µl reactions	[2x1ml mix] & [1x1.6ml buffer A] & [1x0.8ml buffer B]	PB10.24-08
	direct PCR from mammalian tissue	400x50µl reactions	[10x1ml mix] & [5x1.6ml buffer A] & [5x0.8ml buffer B]	PB10.24-40
PCRBIO Rapid Extract Lysis Kit	rapid DNA extraction	80x50µl reactions	[1x1.6ml buffer A] & [1x0.8ml buffer B]	PB15.11-08
	rapid DNA extraction	240x50µl reactions	[3x1.6ml buffer A] & [3x0.8ml buffer B]	PB15.11-40

## 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

## Thermostable Reverse Transcriptases - 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 UltraScript 200 u/µl] & [1x200µl buffer]	PB30.12-01
	cDNA generation	40,000 units	[2x100µl UltraScript 200 u/µl] & [4x200µl buffer]	PB30.12-04
UltraScript 2.0 Reverse Transcriptase	cDNA generation	10,000 units	[2x25µl UltraScript 2.0, 200 u/µl] & [1x200µl buffer]	PB30.33-01
	cDNA generation	40,000 units	[2x100µl UltraScript 2.0, 200 u/µl] & [4x200µl buffer]	PB30.33-04

## cDNA Synthesis Kits - generation of high quality cDNA for downstream applications

Product name	Technique	Pack size	Presentation	Cat. no.
qPCR BIO cDNA Synthesis Kit	unbiased cDNA generation for qPCR	25 reactions	[1x25µl RTase] & [1x100µl reaction mix]	PB30.11-02
	unbiased cDNA generation for qPCR	100 reactions	[1x100µl RTase] & [4x100µl reaction mix]	PB30.11-10
UltraScript 2.0 cDNA Synthesis Kit	unbiased cDNA generation for qPCR	25 reactions	[1x25µl UltraScript 2.0] & [1x100µl reaction mix]	PB30.31-02
	unbiased cDNA generation for qPCR	100 reactions	[1x100µl UltraScript 2.0] & [4x100µl reaction mix]	PB30.31-10
UltraScript 2.0 cDNA Synthesis Kit Separate Oligos	cDNA generation for qPCR and other applications	25 reactions	[1x25µl UltraScript 2.0] & [1x200µl buffer] & [1x100µl Anchored Oligo(dT) <sub>18</sub> ] & [1x100µl Random Hexamers]	PB30.32-02
	cDNA generation for qPCR and other applications	100 reactions	[1x100µl UltraScript 2.0] & [2x200µl buffer] & [1x100µl Anchored Oligo(dT) <sub>18</sub> ] & [1x100µl Random Hexamers]	PB30.32-10

## Real-Time PCR Mixes - 2x mix includes dNTP, MgCl<sub>2</sub>, enhancers and stabilizers

Product name	Technique	Pack size	Presentation	Cat. no.
qPCRBIO SyGreen Mix Lo-ROX	SyGreen real-time PCR	100x20µl reactions	1x1ml	PB20.11-01
	SyGreen real-time PCR	500x20µl reactions	5x1ml	PB20.11-05
	SyGreen real-time PCR	2000x20µl reactions	20x1ml	PB20.11-20
	SyGreen real-time PCR	5000x20µl reactions	1x50ml bottle	PB20.11-50
	SyGreen real-time PCR	5000x20µl reactions	50x1ml in pouch	PB20.11-51
qPCRBIO SyGreen Mix Hi-ROX	SyGreen real-time PCR	100x20µl reactions	1x1ml	PB20.12-01
	SyGreen real-time PCR	500x20µl reactions	5x1ml	PB20.12-05
	SyGreen real-time PCR	2000x20µl reactions	20x1ml	PB20.12-20
	SyGreen real-time PCR	5000x20µl reactions	1x50ml bottle	PB20.12-50
	SyGreen real-time PCR	5000x20µl reactions	50x1ml in pouch	PB20.12-51
qPCRBIO SyGreen Mix with Fluorescein	SyGreen real-time PCR	100x20µl reactions	1x1ml	PB20.13-01
	SyGreen real-time PCR	500x20µl reactions	5x1ml	PB20.13-05
	SyGreen real-time PCR	2000x20µl reactions	20x1ml	PB20.13-20
qPCRBIO SyGreen Mix Separate-ROX	SyGreen real-time PCR	100x20µl reactions	[1x1ml mix] & [1x200µl ROX]	PB20.14-01
	SyGreen real-time PCR	500x20µl reactions	[5x1ml mix] & [1x200µl ROX]	PB20.14-05
	SyGreen real-time PCR	2000x20µl reactions	[20x1ml mix] & [4x200µl ROX]	PB20.14-20
	SyGreen real-time PCR	5000x20µl reactions	[1x50ml bottle mix] & [2x520µl ROX]	PB20.14-50
	SyGreen real-time PCR	5000x20µl reactions	[50x1ml mix] & [2x520µl ROX] in pouch	PB20.14-51
qPCRBIO SyGreen Blue Mix Lo-ROX	SyGreen real-time PCR	100x20µl reactions	1x1ml	PB20.15-01
	SyGreen real-time PCR	500x20µl reactions	5x1ml	PB20.15-05
	SyGreen real-time PCR	2000x20µl reactions	20x1ml	PB20.15-20
	SyGreen real-time PCR	5000x20µl reactions	1x50ml bottle	PB20.15-50
	SyGreen real-time PCR	5000x20µl reactions	50x1ml in pouch	PB20.15-51
qPCRBIO SyGreen Blue Mix Hi-ROX	SyGreen real-time PCR	100x20µl reactions	1x1ml	PB20.16-01
	SyGreen real-time PCR	500x20µl reactions	5x1ml	PB20.16-05
	SyGreen real-time PCR	2000x20µl reactions	20x1ml	PB20.16-20
	SyGreen real-time PCR	5000x20µl reactions	1x50ml bottle	PB20.16-50
	SyGreen real-time PCR	5000x20µl reactions	50x1ml in pouch	PB20.16-51
qPCRBIO SyGreen Blue Mix Separate-ROX	SyGreen real-time PCR	100x20µl reactions	[1x1ml mix] & [1x200µl ROX]	PB20.17-01
	SyGreen real-time PCR	500x20µl reactions	[5x1ml mix] & [1x200µl ROX]	PB20.17-05
	SyGreen real-time PCR	2000x20µl reactions	[20x1ml mix] & [4x200µl ROX]	PB20.17-20
	SyGreen real-time PCR	5000x20µl reactions	[1x50ml bottle mix] & [2x520µl ROX]	PB20.17-50
	SyGreen real-time PCR	5000x20µl reactions	[50x1ml mix] & [2x520µl ROX] in pouch	PB20.17-51
qPCRBIO Probe Mix Lo-ROX	universal probe-based assays	100x20µl reactions	1x1ml	PB20.21-01
	universal probe-based assays	500x20µl reactions	5x1ml	PB20.21-05
	universal probe-based assays	2000x20µl reactions	20x1ml	PB20.21-20
	universal probe-based assays	5000x20µl reactions	1x50ml bottle	PB20.21-50
	universal probe-based assays	5000x20µl reactions	50x1ml in pouch	PB20.21-51
qPCRBIO Probe Mix Hi-ROX	universal probe-based assays	100x20µl reactions	1x1ml	PB20.22-01
	universal probe-based assays	500x20µl reactions	5x1ml	PB20.22-05
	universal probe-based assays	2000x20µl reactions	20x1ml	PB20.22-20
	universal probe-based assays	5000x20µl reactions	1x50ml bottle	PB20.22-50
	universal probe-based assays	5000x20µl reactions	50x1ml in pouch	PB20.22-51
qPCRBIO Probe Mix No-ROX	universal probe-based assays	100x20µl reactions	1x1ml	PB20.23-01
	universal probe-based assays	500x20µl reactions	5x1ml	PB20.23-05
	universal probe-based assays	2000x20µl reactions	20x1ml	PB20.23-20
	universal probe-based assays	5000x20µl reactions	1x50ml bottle	PB20.23-50
	universal probe-based assays	5000x20µl reactions	50x1ml in pouch	PB20.23-51
qPCRBIO Probe Mix Separate-ROX	universal probe-based assays	100x20µl reactions	[1x1ml mix] & [1x200µl ROX]	PB20.24-01
	universal probe-based assays	500x20µl reactions	[5x1ml mix] & [1x200µl ROX]	PB20.24-05
	universal probe-based assays	2000x20µl reactions	[20x1ml mix] & [4x200µl ROX]	PB20.24-20
	universal probe-based assays	5000x20µl reactions	[1x50ml bottle mix] & [2x520µl ROX]	PB20.24-50
	universal probe-based assays	5000x20µl reactions	[50x1ml mix] & [2x520µl ROX]	PB20.24-51

## Real-Time PCR Mixes - 2x mix includes dNTP, MgCl<sub>2</sub>, enhancers and stabilizers

Product name	Technique	Pack size	Presentation	Cat. No.
qPCRBIO Probe Blue Mix Lo-ROX	universal probe-based assays	100x20µl reactions	1x1ml	PB20.25-01
	universal probe-based assays	500x20µl reactions	5x1ml	PB20.25-05
	universal probe-based assays	2000x20µl reactions	20x1ml	PB20.25-20
	universal probe-based assays	5000x20µl reactions	1x50ml bottle	PB20.25-50
	universal probe-based assays	5000x20µl reactions	50x1ml in pouch	PB20.25-51
qPCRBIO Probe Blue Mix Hi-ROX	universal probe-based assays	100x20µl reactions	1x1ml	PB20.26-01
	universal probe-based assays	500x20µl reactions	5x1ml	PB20.26-05
	universal probe-based assays	2000x20µl reactions	20x1ml	PB20.26-20
	universal probe-based assays	5000x20µl reactions	1x50ml bottle	PB20.26-50
	universal probe-based assays	5000x20µl reactions	50x1ml in pouch	PB20.26-51
qPCRBIO Probe Blue Mix Separate-ROX	universal probe-based assays	100x20µl reactions	[1x1ml mix] & [1x200µl ROX]	PB20.27-01
	universal probe-based assays	500x20µl reactions	[5x1ml mix] & [1x200µl ROX]	PB20.27-05
	universal probe-based assays	2000x20µl reactions	[20x1ml mix] & [4x200µl ROX]	PB20.27-20
	universal probe-based assays	5000x20µl reactions	[1x50ml bottle mix] & [2x520µl ROX]	PB20.27-50
	universal probe-based assays	5000x20µl reactions	[50x1ml mix] & [2x520µl ROX] in pouch	PB20.27-51
qPCRBIO HRM Mix	high resolution melt analysis	100x20µl reactions	1x1ml	PB20.31-01
	high resolution melt analysis	500x20µl reactions	5x1ml	PB20.31-05
	high resolution melt analysis	2000x20µl reactions	20x1ml	PB20.31-20
qPCRBIO Genotyping Mix Lo-ROX	probe-based genotyping	100x20µl reactions	1x1ml	PB20.41-01
	probe-based genotyping	500x20µl reactions	5x1ml	PB20.41-05
	probe-based genotyping	2000x20µl reactions	20x1ml	PB20.41-20
qPCRBIO Genotyping Mix Hi-ROX	probe-based genotyping	100x20µl reactions	1x1ml	PB20.42-01
	probe-based genotyping	500x20µl reactions	5x1ml	PB20.42-05
	probe-based genotyping	2000x20µl reactions	20x1ml	PB20.42-20
qPCRBIO Genotyping Mix No-ROX	probe-based genotyping	100x20µl reactions	1x1ml	PB20.43-01
	probe-based genotyping	500x20µl reactions	5x1ml	PB20.43-05
	probe-based genotyping	2000x20µl reactions	20x1ml	PB20.43-20
qPCRBIO SyGreen 1-Step Detect Lo-ROX	SyGreen qPCR from RNA	100x20µl reactions	[1x1ml mix] & [1x200µl RTase]	PB25.11-01
	SyGreen qPCR from RNA	300x20µl reactions	[3x1ml mix] & [3x200µl RTase]	PB25.11-03
	SyGreen qPCR from RNA	1200x20µl reactions	[12x1ml mix] & [12x200µl RTase]	PB25.11-12
qPCRBIO SyGreen 1-Step Detect Hi-ROX	SyGreen qPCR from RNA	100x20µl reactions	[1x1ml mix] & [1x200µl RTase]	PB25.12-01
	SyGreen qPCR from RNA	300x20µl reactions	[3x1ml mix] & [3x200µl RTase]	PB25.12-03
	SyGreen qPCR from RNA	1200x20µl reactions	[12x1ml mix] & [12x200µl RTase]	PB25.12-12
qPCRBIO SyGreen 1-Step Go Lo-ROX	SyGreen qPCR from RNA	100x20µl reactions	[1x1ml mix] & [1x100µl RTase Go]	PB25.31-01
	SyGreen qPCR from RNA	300x20µl reactions	[3x1ml mix] & [3x100µl RTase Go]	PB25.31-03
	SyGreen qPCR from RNA	1200x20µl reactions	[12x1ml mix] & [12x100µl RTase Go]	PB25.31-12
qPCRBIO SyGreen 1-Step Go Hi-ROX	SyGreen qPCR from RNA	100x20µl reactions	[1x1ml mix] & [1x100µl RTase Go]	PB25.32-01
	SyGreen qPCR from RNA	300x20µl reactions	[3x1ml mix] & [3x100µl RTase Go]	PB25.32-03
	SyGreen qPCR from RNA	1200x20µl reactions	[12x1ml mix] & [12x100µl RTase Go]	PB25.32-12
qPCRBIO Probe 1-Step Go Lo-ROX	probe qPCR from RNA	100x20µl reactions	[1x1ml mix] & [1x100µl RTase Go]	PB25.41-01
	probe qPCR from RNA	300x20µl reactions	[3x1ml mix] & [3x100µl RTase Go]	PB25.41-03
	probe qPCR from RNA	1200x20µl reactions	[12x1ml mix] & [12x100µl RTase Go]	PB25.41-12
qPCRBIO Probe 1-Step Go Hi-ROX	probe qPCR from RNA	100x20µl reactions	[1x1ml mix] & [1x100µl RTase Go]	PB25.42-01
	probe qPCR from RNA	300x20µl reactions	[3x1ml mix] & [3x100µl RTase Go]	PB25.42-03
	probe qPCR from RNA	1200x20µl reactions	[12x1ml mix] & [12x100µl RTase Go]	PB25.42-12
qPCRBIO Probe 1-Step Go No-ROX	probe qPCR from RNA	100x20µl reactions	[1x1ml mix] & [1x100µl RTase Go]	PB25.43-01
	probe qPCR from RNA	300x20µl reactions	[3x1ml mix] & [3x100µl RTase Go]	PB25.43-03
	probe qPCR from RNA	1200x20µl reactions	[12x1ml mix] & [12x100µl RTase Go]	PB25.43-12