



PCRBIOSYSTEMS

simplifying research

PRODUCT LIST

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	[1 x 0.1 mL 5 U/μL] & [4 x 1 mL buffer]	PB10.11-05
		2000 units	[4 x 0.1 mL 5 U/μL] & [16 x 1 mL buffer]	PB10.11-20
		4000 units	[8 x 0.1 mL 5 U/μL] & [32 x 1 mL buffer]	PB10.11-40
PCRBIO HS Taq DNA Polymerase	Antibody-mediated hot start	250 units	[1 x 0.05 mL 5 U/μL] & [2 x 1 mL buffer]	PB10.21-02
		1000 units	[4 x 0.05 mL 5 U/μL] & [8 x 1 mL buffer]	PB10.21-10
		5000 units	[20 x 0.05 mL 5 U/μL] & [40 x 1 mL buffer]	PB10.21-50
PCRBIO Ultra Polymerase	'Difficult' PCR	250 units	[1 x 0.05 mL 5 U/μL] & [2 x 1 mL buffer]	PB10.31-02
		1000 units	[4 x 0.05 mL 5 U/μL] & [8 x 1 mL buffer]	PB10.31-10
PCRBIO HiFi Polymerase	High fidelity PCR	200 units	[1 x 0.1 mL 2 U/μL] & [3 x 1 mL buffer]	PB10.41-02
		1000 units	[5 x 0.1 mL 2 U/μL] & [15 x 1 mL buffer]	PB10.41-10
VeriFi® Polymerase	Long range and high fidelity PCR	100 units	[1 x 0.05 mL 2 U/μL] & [1 x 1.7 mL buffer] & [1 x 1.7 mL 10x enhancer]	PB10.42-01
		500 units	[1 x 0.250 mL 2U/μL] & [3 x 1.7 mL buffer] & [2 x 1.7 mL 10x enhancer]	PB10.42-05
VeriFi® Hot Start Polymerase	Long range and high fidelity with AptaLock™ hot start	100 units	[1 x 0.05 mL 2U/μL] & [1 x 1.7 mL buffer] & [1 x 1.7 mL 10x enhancer]	PB10.45-01
		500 units	[1 x 0.250 mL 2U/μL] & [3 x 1.7 mL buffer] & [2 x 1.7 mL 10x enhancer]	PB10.45-05

Classic Taq - 10x buffer includes MgCl₂ and enhancers

Product name	Technique	Pack size	Presentation	Cat. no.
PCRBIO Classic Taq	Classic PCR	1000 units	[1 x 0.2 mL 5 U/μL] & [2 x 1.5 mL buffer]	PB10.15-01
		2000 units	[2 x 0.2 mL 5 U/μL] & [4 x 1.5 mL buffer]	PB10.15-02
		6000 units	[6 x 0.2 mL 5 U/μL] & [12 x 1.5 mL 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	1 x 0.5 mL	PB10.71-05
		10mM each	1 x 1 mL	PB10.71-10
dNTP Mix (100mM total)	Classic PCR	25mM each	1 x 0.5 mL	PB10.72-05
		25mM each	1 x 1 mL	PB10.72-10

Endpoint Ready Mixes - 2x mix includes dNTPs, MgCl₂, enhancers and stabilisers

Product name	Technique	Pack size	Presentation	Cat. no.
PCRBIO Taq Mix	Routine application PCR	200 x 50 μL rxns	5 x 1 mL	PB10.12-02
		1000 x 50 μL rxns	5 x (5 x 1 mL)	PB10.12-10
PCRBIO Taq Mix Red	Routine PCR, direct gel loading	200 x 50 μL rxns	5 x 1 mL	PB10.13-02
		1000 x 50 μL rxns	5 x (5 x 1 mL)	PB10.13-10
PCRBIO HS Taq Mix	Antibody-mediated hot start	200 x 50 μL rxns	5 x 1 mL	PB10.22-02
		1000 x 50 μL rxns	5 x (5 x 1 mL)	PB10.22-10
PCRBIO HS Taq Mix Red	Hot start, direct gel loading	200 x 50 μL rxns	5 x 1 mL	PB10.23-02
		1000 x 50 μL rxns	5 x (5 x 1 mL)	PB10.23-10

Endpoint Ready Mixes - 2x mix includes dNTPs, MgCl₂, enhancers and stabilisers

Product name	Technique	Pack size	Presentation	Cat. no.
PCRBIO Ultra Mix	'Difficult' PCR	80 x 50 μL rxns	2 x 1 mL	PB10.32-01
		400 x 50 μL rxns	5 x (2 x 1 mL)	PB10.32-05
PCRBIO Ultra Mix Red	'Difficult' PCR, direct gel loading	80 x 50 μL rxns	2 x 1 mL	PB10.33-01
		400 x 50 μL rxns	5 x (2 x 1 mL)	PB10.33-05
VeriFi® Mix	Long range and high fidelity PCR	100 x 50 μL rxns	2 x 1.25 mL	PB10.43-01
		500 x 50 μL rxns	2 x (5 x 1.25 mL)	PB10.43-05
VeriFi® Mix Red	High fidelity, direct gel loading	100 x 50 μL rxns	2 x 1.25 mL	PB10.44-01
		500 x 50 μL rxns	2 x (5 x 1.25 mL)	PB10.44-05
VeriFi® Hot Start Mix	Long range and high fidelity with AptaLock™ hot start	100 x 50 μL rxns	2 x 1.25 mL	PB10.46-01
		500 x 50 μL rxns	2 x (5 x 1.25 mL)	PB10.46-05
VeriFi® Hot Start Mix Red	Long range and high fidelity with AptaLock™ hot start, direct gel loading	100 x 50 μL rxns	2 x 1.25 mL	PB10.47-01
		500 x 50 μL rxns	2 x (5 x 1.25 mL)	PB10.47-05
PCRBIO 1-Step Go RT-PCR Kit	Endpoint PCR from RNA	50 x 50 μL rxns	[1 x 1.25 mL mix] & [1 x 125 μL RTase]	PB10.53-05
		100 x 50 μL rxns	[2 x 1.25 mL mix] & [2 x 125 μL RTase]	PB10.53-10
		500 x 50 μL rxns	[10 x 1.25 mL mix] & [10 x 125 μL 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	80 x 50 μL rxns	[2 x 1 mL mix] & [1 x 1.6 mL buffer A] & [1 x 0.8 mL buffer B]	PB10.24-08
		400 x 50 μL rxns	[10 x 1 mL mix] & [5 x 1.6 mL buffer A] & [5 x 0.8 mL buffer B]	PB10.24-40
PCRBIO Rapid Extract Lysis Kit	Rapid DNA extraction	80 x 50 μL rxns	[1 x 1.6 mL buffer A] & [1 x 0.8 mL buffer B]	PB15.11-08
		240 x 50 μL rxns	[3 x 1.6 mL buffer A] & [3 x 0.8 mL 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	1 x 0.5 mL	PB40.11-01
		500 lanes	5 x 0.5 mL	PB40.11-05
PCRBIO Ladder II	DNA marker - 250bp - 10kb	100 lanes	1 x 0.5 mL	PB40.12-01
		500 lanes	5 x 0.5 mL	PB40.12-05
PCRBIO Ladder III	DNA marker - 50bp - 1500bp	100 lanes	1 x 0.5 mL	PB40.13-01
		500 lanes	5 x 0.5 mL	PB40.13-05
PCRBIO Ladder IV	DNA marker - 100bp - 1500 bp	100 lanes	1 x 0.5 mL	PB40.14-01
		500 lanes	5 x 0.5 mL	PB40.14-05

PCR Water - Ultra-pure DNase, RNase, protease and DNA-free

Product name	Technique	Pack size	Presentation	Cat. no.
PCR Water	Sample dilution and reaction setup	5 mL	5 x 1 mL	PB40.40-05
		5 mL	1 x 5 mL	PB40.40-06
		50 mL	1 x 50 mL	PB40.40-50
		50 mL	50 x 1 mL	

 **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	[2 x 25 µL UltraScript® 200U/µL] & [1 x 200 µL buffer]	PB30.12-01
		40 000 units	[2 x 100 µL UltraScript® 200U/µL] & [4 x 200 µL buffer]	PB30.12-04
UltraScript® 2.0 Reverse Transcriptase	cDNA generation	10 000 units	[2 x 25 µL UltraScript® 2.0, 200U/µL] & [1 x 200 µL buffer]	PB30.33-01
		40 000 units	[2 x 100 µL UltraScript® 2.0, 200U/µL] & [4 x 200 µL buffer]	PB30.33-04

 **cDNA Synthesis Kits** - Generation of high quality cDNA for qPCR and other downstream applications


Product name	Technique	Pack size	Presentation	Cat. no.
UltraScript® cDNA Synthesis Kit	Unbiased cDNA generation for qPCR	25 rxns	[1 x 25 µL UltraScript®] & [1 x 100 µL reaction mix]	PB30.11-02
		100 rxns	[1 x 100 µL UltraScript®] & [4 x 100 µL reaction mix]	PB30.11-10
UltraScript® cDNA Synthesis Kit Separate Oligos	cDNA generation for qPCR and other applications	25 rxns	[1 x 25 µL UltraScript®] & [1 x 200 µL buffer] & [1 x 100 µL anchored oligo(dT) ₁₈] & [1 x 100 µL random hexamers]	PB30.15-02
		100 rxns	[1 x 100 µL UltraScript®] & [2 x 200 µL buffer] & [1 x 100 µL anchored oligo(dT) ₁₈] & [1 x 100 µL random hexamers]	PB30.15-10
UltraScript® 2.0 cDNA Synthesis Kit	Unbiased cDNA generation for qPCR	25 rxns	[1 x 25 µL UltraScript® 2.0] & [1 x 100 µL reaction mix]	PB30.31-02
		100 rxns	[1 x 100 µL UltraScript® 2.0] & [4 x 100 µL reaction mix]	PB30.31-10
UltraScript® 2.0 cDNA Synthesis Kit Separate Oligos	cDNA generation for qPCR and other applications	25 rxns	[1 x 25 µL UltraScript® 2.0] & [1 x 200 µL buffer] & [1 x 100 µL anchored oligo(dT) ₁₈] & [1 x 100 µL random hexamers]	PB30.32-02
		100 rxns	[1 x 100 µL UltraScript® 2.0] & [2 x 200 µL buffer] & [1 x 100 µL anchored oligo(dT) ₁₈] & [1 x 100 µL random hexamers]	PB30.32-10

 **RiboShield® RNase Inhibitor** - Immediate protection of your RNA

Product name	Technique	Pack size	Presentation	Cat. no.
RiboShield® RNase Inhibitor	RNA protection	2500 units	1 x 62.5 µL	PB30.23-02
		10 000 units	4 x 62.5 µL	PB30.23-10

 **High Resolution Melt Analysis** - 2x qPCR mix including dNTP, MgCl₂, enhancers and stabilisers

Product name	Technique	Pack size	Presentation	Cat. no.
Clara® HRM Mix	High resolution melt analysis	100 x 20 µL rxns	1 x 1 mL	PB20.32-01
		500 x 20 µL rxns	5 x 1 mL	PB20.32-05
		2000 x 20 µL rxns	20 x 1 mL	PB20.32-20

 **Mixes for Dye-Based qPCR and 1-Step RT-qPCR**
2x mix includes dNTPs, MgCl₂, enhancers and stabilisers

Product name	Technique	Pack size	Presentation	Cat. no.
qPCRBIO SyGreen® Mix Lo-ROX	2x SyGreen mix for DNA assays	100 x 20 µL rxns	1 x 1 mL	PB20.11-01
		500 x 20 µL rxns	5 x 1 mL	PB20.11-05
		2000 x 20 µL rxns	20 x 1 mL	PB20.11-20
		5000 x 20 µL rxns	1 x 50 mL bottle	PB20.11-50
		5000 x 20 µL rxns	50 x 1 mL in pouch	PB20.11-51
qPCRBIO SyGreen® Mix Hi-ROX	2x SyGreen mix for DNA assays	100 x 20 µL rxns	1 x 1 mL	PB20.12-01
		500 x 20 µL rxns	5 x 1 mL	PB20.12-05
		2000 x 20 µL rxns	20 x 1 mL	PB20.12-20
		5000 x 20 µL rxns	1 x 50 mL bottle	PB20.12-50
		5000 x 20 µL rxns	50 x 1 mL in pouch	PB20.12-51
qPCRBIO SyGreen® Mix with Fluorescein	2x SyGreen mix for DNA assays	100 x 20 µL rxns	1 x 1 mL	PB20.13-01
		500 x 20 µL rxns	5 x 1 mL	PB20.13-05
		2000 x 20 µL rxns	20 x 1 mL	PB20.13-20
		5000 x 20 µL rxns	50 x 1 mL in pouch	PB20.13-51
qPCRBIO SyGreen® Mix Separate-ROX	2x SyGreen mix for DNA assays	100 x 20 µL rxns	[1 x 1 mL mix] & [1 x 200 µL ROX]	PB20.14-01
		500 x 20 µL rxns	[5 x 1 mL mix] & [1 x 200 µL ROX]	PB20.14-05
		2000 x 20 µL rxns	[20 x 1 mL mix] & [4 x 200 µL ROX]	PB20.14-20
		5000 x 20 µL rxns	[1 x 50 mL bottle mix] & [2 x 520 µL ROX]	PB20.14-50
qPCRBIO SyGreen® Blue Mix Lo-ROX	2x SyGreen mix for DNA assays	100 x 20 µL rxns	1 x 1 mL	PB20.15-01
		500 x 20 µL rxns	5 x 1 mL	PB20.15-05
		2000 x 20 µL rxns	20 x 1 mL	PB20.15-20
		5000 x 20 µL rxns	1 x 50 mL bottle	PB20.15-50
		5000 x 20 µL rxns	50 x 1 mL in pouch	PB20.15-51
qPCRBIO SyGreen® Blue Mix Hi-ROX	2x SyGreen mix for DNA assays	100 x 20 µL rxns	1 x 1 mL	PB20.16-01
		500 x 20 µL rxns	5 x 1 mL	PB20.16-05
		2000 x 20 µL rxns	20 x 1 mL	PB20.16-20
		5000 x 20 µL rxns	1 x 50 mL bottle	PB20.16-50
		5000 x 20 µL rxns	50 x 1 mL in pouch	PB20.16-51
qPCRBIO SyGreen® Blue Mix Separate-ROX	2x SyGreen mix for DNA assays	100 x 20 µL rxns	[1 x 1 mL mix] & [1 x 200 µL ROX]	PB20.17-01
		500 x 20 µL rxns	[5 x 1 mL mix] & [1 x 200 µL ROX]	PB20.17-05
		2000 x 20 µL rxns	[20 x 1 mL mix] & [4 x 200 µL ROX]	PB20.17-20
		5000 x 20 µL rxns	[1 x 50 mL bottle mix] & [2 x 520 µL ROX]	PB20.17-50
		5000 x 20 µL rxns	[50 x 1 mL mix] & [2 x 520 µL ROX] in pouch	PB20.17-51
qPCRBIO SyGreen® 1-Step Detect Lo-ROX	2x SyGreen mix with separate RTase for RNA assays	100 x 20 µL rxns	[1 x 1 mL mix] & [1 x 200 µL RTase]	PB25.11-01
		300 x 20 µL rxns	[3 x 1 mL mix] & [3 x 200 µL RTase]	PB25.11-03
		1200 x 20 µL rxns	[12 x 1 mL mix] & [12 x 200 µL RTase]	PB25.11-12
qPCRBIO SyGreen® 1-Step Detect Hi-ROX	2x SyGreen mix with separate RTase for RNA assays	100 x 20 µL rxns	[1 x 1 mL mix] & [1 x 200 µL RTase]	PB25.12-01
		300 x 20 µL rxns	[3 x 1 mL mix] & [3 x 200 µL RTase]	PB25.12-03
		1200 x 20 µL rxns	[12 x 1 mL mix] & [12 x 200 µL RTase]	PB25.12-12
qPCRBIO SyGreen® 1-Step Go Lo-ROX	2x SyGreen mix with separate RTase for RNA assays	100 x 20 µL rxns	[1 x 1 mL mix] & [1 x 100 µL RTase Go]	PB25.31-01
		300 x 20 µL rxns	[3 x 1 mL mix] & [3 x 100 µL RTase Go]	PB25.31-03
		1200 x 20 µL rxns	[12 x 1 mL mix] & [12 x 100 µL RTase Go]	PB25.31-12
qPCRBIO SyGreen® 1-Step Go Hi-ROX	2x SyGreen mix with separate RTase for RNA assays	100 x 20 µL rxns	[1 x 1 mL mix] & [1 x 100 µL RTase Go]	PB25.32-01
		300 x 20 µL rxns	[3 x 1 mL mix] & [3 x 100 µL RTase Go]	PB25.32-03
		1200 x 20 µL rxns	[12 x 1 mL mix] & [12 x 100 µL RTase Go]	PB25.32-12



Mixes for Probe-Based qPCR

2x mix includes dNTPs, MgCl₂, enhancers and stabilisers - suitable for all probe types

Product name	Technique	Pack size	Presentation	Cat. no.
qPCRBIO Probe Mix Lo-ROX	2x qPCR mix for DNA assays	100x20µL rxns	1 x 1 mL	PB20.21-01
		500x20µL rxns	5 x 1 mL	PB20.21-05
		2000x20µL rxns	20 x 1 mL	PB20.21-20
		5000x20µL rxns	1 x 50mL bottle	PB20.21-50
		5000x20µL rxns	50 x 1 mL in pouch	PB20.21-51
qPCRBIO Probe Mix Hi-ROX	2x qPCR mix for DNA assays	100x20µL rxns	1 x 1 mL	PB20.22-01
		500x20µL rxns	5 x 1 mL	PB20.22-05
		2000x20µL rxns	20 x 1 mL	PB20.22-20
		5000x20µL rxns	1 x 50mL bottle	PB20.22-50
		5000x20µL rxns	50 x 1 mL in pouch	PB20.22-51
qPCRBIO Probe Mix No-ROX	2x qPCR mix for DNA assays	100x20µL rxns	1 x 1 mL	PB20.23-01
		500x20µL rxns	5 x 1 mL	PB20.23-05
		2000x20µL rxns	20 x 1 mL	PB20.23-20
		5000x20µL rxns	1 x 50mL bottle	PB20.23-50
		5000x20µL rxns	50 x 1 mL in pouch	PB20.23-51
qPCRBIO Probe Mix Separate-ROX	2x qPCR mix for DNA assays	100x20µL rxns	[1 x 1 mL mix] & [1 x 200µL ROX]	PB20.24-01
		500x20µL rxns	[5 x 1 mL mix] & [1 x 200µL ROX]	PB20.24-05
		2000x20µL rxns	[20 x 1 mL mix] & [4 x 200µL ROX]	PB20.24-20
		5000x20µL rxns	[1 x 50 mL bottle mix] & [2 x 520µL ROX]	PB20.24-50
		5000x20µL rxns	[50 x 1 mL mix] & [2 x 520µL ROX]	PB20.24-51
qPCRBIO Probe Blue Mix Lo-ROX	Easy-to-see 2x qPCR mix for DNA assays	100x20µL rxns	1 x 1 mL	PB20.25-01
		500x20µL rxns	5 x 1 mL	PB20.25-05
		2000x20µL rxns	20 x 1 mL	PB20.25-20
		5000x20µL rxns	1 x 50mL bottle	PB20.25-50
		5000x20µL rxns	50 x 1 mL in pouch	PB20.25-51
qPCRBIO Probe Blue Mix Hi-ROX	Easy-to-see 2x qPCR mix for DNA assays	100x20µL rxns	1 x 1 mL	PB20.26-01
		500x20µL rxns	5 x 1 mL	PB20.26-05
		2000x20µL rxns	20 x 1 mL	PB20.26-20
		5000x20µL rxns	1 x 50mL bottle	PB20.26-50
		5000x20µL rxns	50 x 1 mL in pouch	PB20.26-51
qPCRBIO Probe Blue Mix Separate-ROX	Easy-to-see 2x qPCR mix for DNA assays	100x20µL rxns	[1 x 1 mL mix] & [1 x 200µL ROX]	PB20.27-01
		500x20µL rxns	[5 x 1 mL mix] & [1 x 200µL ROX]	PB20.27-05
		2000x20µL rxns	[20 x 1 mL mix] & [4 x 200µL ROX]	PB20.27-20
		5000x20µL rxns	[1 x 50 mL bottle mix] & [2 x 520µL ROX]	PB20.27-50
		5000x20µL rxns	[50 x 1 mL mix] & [2 x 520µL ROX] in pouch	PB20.27-51



Clara® Mixes for Probe-Based qPCR

4x mix includes dNTPs, MgCl₂, enhancers and stabilisers - suitable for all probe types

Product name	Technique	Pack size	Presentation	Cat. no.
Clara® Probe Mix Lo-ROX	4x qPCR mix for DNA assays	200x20µL rxns	1 x 1 mL	PB20.61-01
		600x20µL rxns	3 x 1 mL	PB20.61-03
		1000x20µL rxns	5 x 1 mL	PB20.61-05
		10000x20µL rxns	1 x 50mL bottle	PB20.61-50
		10000x20µL rxns	1 x 50mL bottle	PB20.61-50
Clara® Probe Mix Hi-ROX	4x qPCR mix for DNA assays	200x20µL rxns	1 x 1 mL	PB20.62-01
		600x20µL rxns	3 x 1 mL	PB20.62-03
		1000x20µL rxns	5 x 1 mL	PB20.62-05
		10000x20µL rxns	1 x 50mL bottle	PB20.62-50
		10000x20µL rxns	1 x 50mL bottle	PB20.62-50
Clara® Probe Mix No-ROX	4x qPCR mix for DNA assays	200x20µL rxns	1 x 1 mL	PB20.63-01
		600x20µL rxns	3 x 1 mL	PB20.63-03
		1000x20µL rxns	5 x 1 mL	PB20.63-05
		10000x20µL rxns	1 x 50mL bottle	PB20.63-50
		10000x20µL rxns	1 x 50mL bottle	PB20.63-50
Clara® Probe Mix Separate-ROX	4x qPCR mix for DNA assays	200x20µL rxns	1 x 1 mL	PB20.64-01
		600x20µL rxns	3 x 1 mL	PB20.64-03
		1000x20µL rxns	5 x 1 mL	PB20.64-05
		10000x20µL rxns	1 x 50mL bottle	PB20.64-50
		10000x20µL rxns	1 x 50mL bottle	PB20.64-50
Clara® Probe Purple Mix Lo-ROX	Easy-to-see 4x qPCR mix for DNA assays	200x20µL rxns	1 x 1 mL	PB20.65-01
		600x20µL rxns	3 x 1 mL	PB20.65-03
		1000x20µL rxns	5 x 1 mL	PB20.65-05
		10000x20µL rxns	1 x 50mL bottle	PB20.65-50
		10000x20µL rxns	1 x 50mL bottle	PB20.65-50
Clara® Probe Purple Mix Hi-ROX	Easy-to-see 4x qPCR mix for DNA assays	200x20µL rxns	1 x 1 mL	PB20.66-01
		600x20µL rxns	3 x 1 mL	PB20.66-03
		1000x20µL rxns	5 x 1 mL	PB20.66-05
		10000x20µL rxns	1 x 50mL bottle	PB20.66-50
		10000x20µL rxns	1 x 50mL bottle	PB20.66-50
Clara® Probe Purple Mix No-ROX	Easy-to-see 4x qPCR mix for DNA assays	200x20µL rxns	1 x 1 mL	PB20.67-01
		600x20µL rxns	3 x 1 mL	PB20.67-03
		1000x20µL rxns	5 x 1 mL	PB20.67-05
		10000x20µL rxns	1 x 50mL bottle	PB20.67-50
		10000x20µL rxns	1 x 50mL bottle	PB20.67-50
Clara® Probe Purple Mix Separate-ROX	Easy-to-see 4x qPCR mix for DNA assays	200x20µL rxns	1 x 1 mL	PB20.68-01
		600x20µL rxns	3 x 1 mL	PB20.68-03
		1000x20µL rxns	5 x 1 mL	PB20.68-05
		10000x20µL rxns	1 x 50mL bottle	PB20.68-50
		10000x20µL rxns	1 x 50mL bottle	PB20.68-50



Mixes for Probe-Based 1-Step RT-qPCR

Includes dNTPs, MgCl₂, enhancers and stabilisers - suitable for all probe types

Product name	Technique	Pack size	Presentation	Cat. No.
qPCR BIO Probe 1-Step Go Lo-ROX	2x qPCR mix with separate RTase for RNA assays	100x20µL rxns	[1 x 1 mL mix] & [1 x 100µL RTase Go]	PB25.41-01
		300x20µL rxns	[3 x 1 mL mix] & [3 x 100µL RTase Go]	PB25.41-03
		500x20µL rxns	[1 x 5 mL mix] & [1 x 500µL RTase Go]	PB25.41-05
		1200x20µL rxns	[12 x 1 mL mix] & [12 x 100µL RTase Go]	PB25.41-12
		5000x20µL rxns	[1 x 50 mL mix] & [1 x 5 mL RTase Go]	PB25.41-50
qPCR BIO Probe 1-Step Go Hi-ROX	2x qPCR mix with separate RTase for RNA assays	100x20µL rxns	[1 x 1 mL mix] & [1 x 100µL RTase Go]	PB25.42-01
		300x20µL rxns	[3 x 1 mL mix] & [3 x 100µL RTase Go]	PB25.42-03
		500x20µL rxns	[1 x 5 mL mix] & [1 x 500µL RTase Go]	PB25.42-05
		1200x20µL rxns	[12 x 1 mL mix] & [12 x 100µL RTase Go]	PB25.42-12
		5000x20µL rxns	[1 x 50 mL mix] & [1 x 5 mL RTase Go]	PB25.42-50
qPCR BIO Probe 1-Step Go No-ROX	2x qPCR mix with separate RTase for RNA assays	100x20µL rxns	[1 x 1 mL mix] & [1 x 100µL RTase Go]	PB25.43-01
		300x20µL rxns	[3 x 1 mL mix] & [3 x 100µL RTase Go]	PB25.43-03
		500x20µL rxns	[1 x 5 mL mix] & [1 x 500µL RTase Go]	PB25.43-05
		1200x20µL rxns	[12 x 1 mL mix] & [12 x 100µL RTase Go]	PB25.43-12
		5000x20µL rxns	[1 x 50 mL mix] & [1 x 5 mL RTase Go]	PB25.43-50
qPCR BIO Probe 1-Step Go Separate-ROX	2x qPCR mix with separate RTase for RNA assays	100x20µL rxns	[1 x 1 mL mix], [1 x 100µL RTase Go] & [1 x 200µL ROX]	PB25.44-01
		300x20µL rxns	[3 x 1 mL mix], [3 x 100µL RTase Go] & [1 x 200µL ROX]	PB25.44-03
		500x20µL rxns	[1 x 5 mL mix], [1 x 500µL RTase Go] & [1 x 200µL ROX]	PB25.44-05
		1200x20µL rxns	[12 x 1 mL mix], [12 x 100µL RTase Go] & [1 x 200µL ROX]	PB25.44-12
		qPCR BIO Probe 1-Step Virus Detect Lo-ROX	4x qPCR mix with separate RTase for RNA assays	200x20µL rxns
600x20µL rxns	[3 x 1 mL mix] & [1 x 600µL UltraScript]			PB25.51-03
1000x20µL rxns	[1 x 5 mL bottle mix] & [1 x 1 mL UltraScript]			PB25.51-05
10000x20µL rxns	[1 x 50mL bottle mix] & [2x5mL UltraScript]			PB25.51-50
100000x20µL rxns	[1x500mL bottle mix] & [1x100mL UltraScript]			PB25.51-500
qPCR BIO Probe 1-Step Virus Detect Hi-ROX	4x qPCR mix with separate RTase for RNA assays	200x20µL rxns	[1 x 1 mL mix] & [1 x 200µL UltraScript]	PB25.52-01
		600x20µL rxns	[3 x 1 mL mix] & [1 x 600µL UltraScript]	PB25.52-03
		1000x20µL rxns	[1 x 5 mL bottle mix] & [1 x 1 mL UltraScript]	PB25.52-05
		10000x20µL rxns	[1 x 50mL bottle mix] & [2x5mL UltraScript]	PB25.52-50
		100000x20µL rxns	[1x500mL bottle mix] & [1x100mL UltraScrip]	PB25.52-500
qPCR BIO Probe 1-Step Virus Detect No-ROX	4x qPCR mix with separate RTase for RNA assays	200x20µL rxns	[1 x 1 mL mix] & [1 x 200µL UltraScript]	PB25.53-01
		600x20µL rxns	[3 x 1 mL mix] & [1 x 600µL UltraScript]	PB25.53-03
		1000x20µL rxns	[1 x 5 mL bottle mix] & [1 x 1 mL UltraScript]	PB25.53-05
		10000x20µL rxns	[1 x 50mL bottle mix] & [2x5mL UltraScript]	PB25.53-50
		100000x20µL rxns	[1x500mL bottle mix] & [1x100mL UltraScript]	PB25.53-500
qPCR BIO Probe 1-Step Virus Detect Separate-ROX	4x qPCR mix with separate RTase for RNA assays	200x20µL rxns	[1 x 1 mL mix], [1 x 200µL UltraScript] & [1 x 200µL ROX]	PB25.54-01
		600x20µL rxns	[3 x 1 mL mix], [1 x 600µL UltraScript] & [1 x 200µL ROX]	PB25.54-03
		1000x20µL rxns	[1 x 5 mL bottle mix], [1 x 1 mL UltraScript] & [1 x 200µL ROX]	PB25.54-05



Clara® Mixes for Probe-Based qPCR and 1-Step RT-qPCR

4x mix includes RTase, dNTPs, MgCl₂, enhancers and stabilisers - suitable for all probe types

Product name	Technique	Pack size	Presentation	Cat. no.
Clara® Probe 1-Step Mix Lo-ROX	All-in-one 4x qPCR mix for DNA and RNA assays	200x20µL rxns	1 x 1 mL	PB25.81-01
		600x20µL rxns	3 x 1 mL	PB25.81-03
		1000x20µL rxns	5 x 1 mL	PB25.81-05
		10000x20µL rxns	1 x 50mL bottle	PB25.81-50
Clara® Probe 1-Step Mix Hi-ROX	All-in-one 4x qPCR mix for DNA and RNA assays	200x20µL rxns	1 x 1 mL	PB25.82-01
		600x20µL rxns	3 x 1 mL	PB25.82-03
		1000x20µL rxns	5 x 1 mL	PB25.82-05
Clara® Probe 1-Step Mix No-ROX	All-in-one 4x qPCR mix for DNA and RNA assays	200x20µL rxns	1 x 1 mL	PB25.83-01
		600x20µL rxns	3 x 1 mL	PB25.83-03
		1000x20µL rxns	5 x 1 mL	PB25.83-05
Clara® Probe 1-Step Mix Separate-ROX	All-in-one 4x qPCR mix for DNA and RNA assays	200x20µL rxns	1 x 1 mL	PB25.84-01
		600x20µL rxns	3 x 1 mL	PB25.84-03
		1000x20µL rxns	5 x 1 mL	PB25.84-05
Clara® Probe 1-Step Purple Mix Lo-ROX	Easy-to-see, all-in-one 4x qPCR mix for DNA and RNA assays	200x20µL rxns	1 x 1 mL	PB25.85-01
		600x20µL rxns	3 x 1 mL	PB25.85-03
		1000x20µL rxns	5 x 1 mL	PB25.85-05
Clara® Probe 1-Step Purple Mix Hi-ROX	Easy-to-see, all-in-one 4x qPCR mix for DNA and RNA assays	200x20µL rxns	1 x 1 mL	PB25.86-01
		600x20µL rxns	3 x 1 mL	PB25.86-03
		1000x20µL rxns	5 x 1 mL	PB25.86-05
Clara® Probe 1-Step Purple Mix No-ROX	Easy-to-see, all-in-one 4x qPCR mix for DNA and RNA assays	200x20µL rxns	1 x 1 mL	PB25.87-01
		600x20µL rxns	3 x 1 mL	PB25.87-03
		1000x20µL rxns	5 x 1 mL	PB25.87-05
Clara® Probe 1-Step Purple Mix Separate-ROX	Easy-to-see, all-in-one 4x qPCR mix for DNA and RNA assays	200x20µL rxns	1 x 1 mL	PB25.88-01
		600x20µL rxns	3 x 1 mL	PB25.88-03
		1000x20µL rxns	5 x 1 mL	PB25.88-05



Lyophilisable Mixes for Probe-Based qPCR and 1-Step RT-qPCR

Glycerol-free 4x mix includes dNTPs, MgCl₂ and excipient blend - suitable for all probe types

Product name	Technique	Pack size	Presentation	Cat. no.
Lyo-Ready Probe Mix	Lyophilisable 4x qPCR mix for DNA assays	600 x 20 µL rxns	3 x 1 mL	PB90.02-03
		2000 x 20 µL rxns	2 x 5 mL	PB90.02-10
		10000 x 20 µL rxns	1 x 50 mL	PB90.02-50
		100000 x 20 µL rxns	1 x 500 mL	PB90.02-500
Lyo-Ready Probe 1-Step Kit	Lyophilisable 4x qPCR mix with separate high-concentration RTase for RNA assays	2000 x 20 µL rxns	[2 x 5 mL mix] & [1 x 12.5 µL 3200x UltraScript®]	PB90.14-10
		10000 x 20 µL rxns	[1 x 50 mL mix] & [1 x 62.5 µL 3200x UltraScript®]	PB90.14-50
		100000 x 20 µL rxns	[1 x 500 mL mix] & [1 x 625 µL 3200x UltraScript®]	PB90.14-500
Pre-Lyo Probe 1-Step Evaluation Kit	Lyophilisable 4x qPCR mix with separate RTase for evaluation purposes	600 rxns	[3 x 1 mL mix] & [1 x 600 µL 20x UltraScript®]	PB90.13-03



Air-Dryable Mixes for Probe-Based qPCR and 1-Step RT-qPCR

Glycerol-free 4x mix includes dNTPs, MgCl₂ and excipient blend - suitable for all probe types

Product name	Technique	Pack size	Presentation	Cat. no.
Air-Dryable Probe Mix	Air-dryable 4x qPCR mix for DNA assays	600 x 20 µL rxns	1 x 1 mL	PB90.31-03
		2000 x 20 µL rxns	2 x 5 mL	PB90.31-10
		10000 x 20 µL rxns	1 x 50 mL bottle	PB90.31-50
Air-Dryable Probe 1-Step Mix	Air-dryable all-in-one 4x qPCR mix for DNA and RNA assays	600 x 20 µL rxns	1 x 1 mL	PB90.21-03
		2000 x 20 µL rxns	2 x 5 mL	PB90.21-10
		10000 x 20 µL rxns	1 x 50 mL bottle	PB90.21-50
		100000 x 20 µL rxns	1 x 500 mL bottle	PB90.21-500



NGS Library Amplification Mix - 2x high fidelity mix for accurate and reliable library amplification

Product name	Technique	Pack size	Presentation	Cat. no.
VeriFi® Library Amplification Mix	PCR-based library amplification	50 x 50 µL rxns	1 x 1.25 mL	PB72.10-01
		250 x 50 µL rxns	5 x 1.25 mL	PB72.10-05



NGS Library Quantification Kits - Accurate and reliable library quantification for Illumina systems

Product name	Technique	Pack size	Presentation	Cat. no.
NGS BIO Library Quant Kit for Illumina Lo-ROX	qPCR-based library quantification	100 x 20 µL rxns	[1 x 1 mL mix] & [1 x 0.2 mL primers] & [1 x 0.6 mL buffer] & [5 x 30 µL standards]	PB71.11-01
		500 x 20 µL rxns	[5 x 1 mL mix] & [1 x 1 mL primers] & [2 x 1.5 mL buffer] & [5 x 85 µL standards]	PB71.11-05
NGS BIO Library Quant Kit for Illumina Hi-ROX	qPCR-based library quantification	100 x 20 µL rxns	[1 x 1 mL mix] & [1 x 0.2 mL primers] & [1 x 0.6 mL buffer] & [5 x 30 µL standards]	PB71.12-01
		500 x 20 µL rxns	[5 x 1 mL mix] & [1 x 1 mL primers] & [2 x 1.5 mL buffer] & [5 x 85 µL standards]	PB71.12-05
NGS BIO Library Quant Kit for Illumina Separate-ROX	qPCR-based library quantification	100 x 20 µL rxns	[1 x 1 mL mix] & [1 x 0.2 mL ROX] & [1 x 0.2 mL primers] & [1 x 0.6 mL buffer] & [5 x 30 µL standards]	PB71.14-01
		500 x 20 µL rxns	[5 x 1 mL mix] & [1 x 0.2 mL ROX] & [1 x 1 mL primers] & [2 x 1.5 mL buffer] & [5 x 85 µL standards]	PB71.14-05
NGS BIO Library Quant Kit Blue for Illumina Lo-ROX	qPCR-based library quantification	100 x 20 µL rxns	[1 x 1 mL mix] & [1 x 0.2 mL primers] & [1 x 0.6 mL buffer] & [5 x 30 µL standards]	PB71.15-01
		500 x 20 µL rxns	[5 x 1 mL mix] & [1 x 1 mL primers] & [2 x 1.5 mL buffer] & [5 x 85 µL standards]	PB71.15-05
NGS BIO Library Quant Kit Blue for Illumina Hi-ROX	qPCR-based library quantification	100 x 20 µL rxns	[1 x 1 mL mix] & [1 x 0.2 mL primers] & [1 x 0.6 mL buffer] & [5 x 30 µL standards]	PB71.16-01
		500 x 20 µL rxns	[5 x 1 mL mix] & [1 x 1 mL primers] & [2 x 1.5 mL buffer] & [5 x 85 µL standards]	PB71.16-05
NGS BIO Library Quant Kit Blue for Illumina Separate-ROX	qPCR-based library quantification	100 x 20 µL rxns	[1 x 1 mL mix] & [1 x 0.2 mL ROX] & [1 x 0.2 mL primers] & [1 x 0.6 mL buffer] & [5 x 30 µL standards]	PB71.17-01
		500 x 20 µL rxns	[5 x 1 mL mix] & [1 x 0.2 mL ROX] & [1 x 1 mL primers] & [2 x 1.5 mL buffer] & [5 x 85 µL standards]	PB71.17-05
NGS BIO DNA Standards for Illumina	qPCR-based library quantification	85 µL each	5 x 85 µL	PB71.22-05



Strand-Displacing Bst Polymerases - Isothermal amplification from DNA

Product name	Technique	Pack size	Presentation	Cat. no.
IsoFast® Bst Polymerase	Isothermal amplification from DNA	1600 units	[1 x 200 µL 8 U/µL] & [1 x 500 µL buffer A] & [1 x 1 mL buffer B]	PB80.10-01
		8000 units	[1 x 1 mL 8 U/µL] & [2 x 1.25 mL buffer A] & [3 x 1.7 mL buffer B]	PB80.10-08
IsoFast® Bst Polymerase with Dye	Isothermal amplification from DNA	1600 units	[1 x 200 µL 8 U/µL] & [1 x 500 µL buffer A] & [1 x 1 mL buffer B] & [2 x 125 µL dye]	PB80.11-01
		8000 units	[1 x 1 mL 8 U/µL] & [2 x 1.25 mL buffer A] & [3 x 1.7 mL buffer B] & [2 x 625 µL dye]	PB80.11-08
IsoFast® Hot Start Bst Polymerase	Isothermal amplification from DNA with AptaLock™ hot start	1600 units	[1 x 200 µL 8 U/µL] & [1 x 500 µL buffer A] & [1 x 1 mL buffer B]	PB80.40-01
		8000 units	[1 x 1 mL 8 U/µL] & [2 x 1.25 mL buffer A] & [3 x 1.7 mL buffer B]	PB80.40-08
IsoFast® Hot Start Bst Polymerase with Dye	Isothermal amplification from DNA with AptaLock™ hot start	1600 units	[1 x 200 µL 8 U/µL] & [1 x 500 µL buffer A] & [1 x 1 mL buffer B] & [2 x 125 µL dye]	PB80.41-01
		8000 units	[1 x 1 mL 8 U/µL] & [2 x 1.25 mL buffer A] & [3 x 1.7 mL buffer B] & [2 x 625 µL dye]	PB80.41-08
IsoFast® Hot Start Bst Polymerase Colour	Colourimetric isothermal amplification from DNA with AptaLock™ hot start	1600 units	[1 x 200 µL 8 U/µL] & [1 x 500 µL colour buffer A] & [1 x 1 mL buffer B]	PB80.50-01
		8000 units	[1 x 1 mL 8 U/µL] & [2 x 1.25 mL colour buffer A] & [3 x 1.7 mL buffer B]	PB80.50-08
Fluorescent Dye	Isothermal amplification	200 rxns	[2 x 125 µL dye]	PB80.30-02
		1000 rxns	[2 x 625 µL dye]	PB80.30-10



Strand-Displacing Bst Mixes - 2x mix for isothermal amplification from DNA and RNA

Product name	Technique	Pack size	Presentation	Cat. no.
IsoFast® Bst Mix	Isothermal amplification from DNA	100 rxns	[1 x 1.25 mL mix] & [1 x 125 µL dye]	PB80.12-01
		500 rxns	[5 x 1.25 mL] & [1 x 625 µL dye]	PB80.12-05
IsoFast® Bst 1-Step Mix	Isothermal amplification from RNA	100 rxns	[1 x 1.25 mL mix] & [1 x 200 µL RTase Go] & [1 x 125 µL dye]	PB80.21-01
		500 rxns	[4 x 1.6 mL mix] & [1 x 1 mL RTase Go] & [1 x 625 µL dye]	PB80.21-05
IsoFast® Hot Start Bst Mix	Isothermal amplification from DNA with AptaLock™ hot start	100 rxns	[1 x 1.25 mL mix] & [1 x 125 µL dye]	PB80.42-01
		500 rxns	[5 x 1.25 mL] & [1 x 625 µL dye]	PB80.42-05
IsoFast® Hot Start Bst Colour Mix	Colourimetric isothermal amplification from DNA with AptaLock™ hot start	100 rxns	1 x 1.25 mL	PB80.51-01
		500 rxns	5 x 1.25 mL	PB80.51-05

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