

Taq Polymerases End Point

PCR de punto final

Solis BioDyne ofrece una gama completa de enzimas y MasterMix para reacciones de PCR altamente procesivas, termoestables y robustas. Debido a la tecnología Stability TAG, nuestras enzimas y MasterMix tienen una estabilidad a temperatura ambiente sin pérdida de actividad hasta 1 mes. Tenemos Taq Polymerases normales, FAST, Hot-Start, ready to use y para Multiplex

Endpoint PCR Enzymes and Master Mixes

Product	Hot Start	Ready to Load	dUTP+ UNG	Fidelity vs. Taq	Amplification Range*	Resulting ends	Speed	GC-rich performance	Multiplex PCR
FIREPol® DNA Polymerase				1x	5 kb	3'A	*	**	**
5x FIREPol® Master Mix				1x	5 kb	3'A	*	*	*
5x FIREPol® Master Mix Ready to Load		●		1x	5 kb	3'A	*	*	*
HOT FIREPol® DNA Polymerase	●			1x	5 kb	3'A	*	**	**
5x HOT FIREPol® GC Master Mix	●			1x	5 kb	3'A	*	***	*
5x HOT FIREPol® MultiPlex Mix	●			1x	5 kb	3'A	*	*	***
5x HOT FIREPol® MultiPlex Mix Ready To Load	●	●		1x	5 kb	3'A	*	*	***
5x HOT FIREPol® Blend Master Mix	●			5x	5 kb	3'A/Blunt	*	*	*
5x HOT FIREPol® Blend Master Mix Ready to Load	●	●		5x	5 kb	3'A/Blunt	*	*	*
NEW! SolisFAST® Master Mix	●			1x	5 kb	3'A	***	*	***
NEW! SolisFAST® Master Mix, Ready to Load	●	●		1x	5 kb	3'A	***	*	***
NEW! SolisFAST® Master Mix with UNG	●		●	1x	5 kb	3'A	***	*	***
NEW! SolisFAST® Master Mix with UNG, Ready to Load	●	●	●	1x	5 kb	3'A	***	*	***



FIREPol® DNA Polymerase

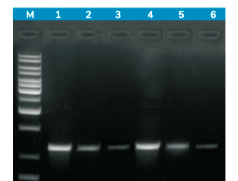


HOT FIREPol® DNA Polymerase

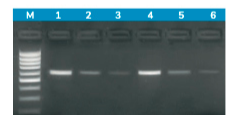


SolisFAST® Master Mix, Ready to Load

MOUSE GENOMIC DNA
 1200 bp fragment of Beta-synuclein gene was amplified from mouse genomic DNA using FIREPol DNA Polymerase with two different buffers: B (lane 1-3) and BD (lane 4-6). Template DNA was used at three tenfold dilutions starting from 1 ng/µl. FIREPol DNA Polymerase was used at 0.04 U/µl.



PLANT GENOMIC DNA
 672 bp fragment was amplified from barley genomic DNA using FIREPol DNA Polymerase with two buffers: B (lane 1-3) and BD (lane 4-6). Template DNA was used at three tenfold dilutions starting from 1 ng/µl. The enzyme performed well even at a template concentration as low as 0.01 ng/µl. FIREPol DNA Polymerase was used at 0.04 U/µl.



- Selected publications:**
- Sadek, M. et al., Antimicrob. Agents Chemother. (2020)
 - Rodríguez-Campos, S. et al., Sci. Rep. (2020)
 - Barma, L. et al., Fluids Barriers CNS. (2020)
 - Šeligoš, B. et al., Helicobacter. (2020)
 - Doma, A.O. et al., Antibiotics. (2020)
 - Hummelzsch, L. et al., Stem Cells Int. (2019)
 - Chanthalhong, P. et al., J. Antimicrob. Chemother. (2019)
 - Müller, P. et al., RNA Biol. (2019)

FIREPol® DNA Polymerase

A genetically modified thermostable Taq DNA polymerase that provides robust and reproducible results. FIREPol® DNA polymerase is supplied with 2 reaction buffers, 25 mM MgCl₂ and an additive for difficult templates. FIREPol® 10x Buffer B contains non-ionic detergent suppressing inhibitory effects of the traces of DNA extraction buffer and enhancing PCR yield and efficiency.

Benefits

- robust amplification for routine applications
- suitable for templates up to 5 kb
- suitable for TA cloning
- reaction buffers with and without detergent included
- Solution S included in a separate vial for GC-rich templates • MgCl₂ included in a separate vial
- reaction set-up and shipment without ice

Refer.	Product	Size	Unit	PVP oferta
01-01-01000	FIREPol (regular DNA Polymerase)	1000	units	95,30 €
04-11-00125	FIREPol® Master Mix (12.5 mM MgCl ₂)	1 ml	250 rxn	38,08 €
01-02-00500	HOT FIREPol (HOT Start DNA Polymerase)	500	units	115,30 €
04-27-00125	HOT FIREPol® Blend Master Mix with 12.5 mM MgCl ₂	1 ml	250 rxn	81,34 €
02-21-00100	100mM dNTP Set	100	umol	110,30 €
07-11-00050	100 bp DNA Ladder Ready to Load	50	ug	52,30 €
07-12-00050	1 kb DNA Ladder Ready to Load	50	ug	61,30 €
07-02-00010	6x DNA Loading Dye Buffer Double Blue	10	ml	117,40 €
05-11-00050	25mM MgCl ₂ Solution	5	ml	33,70 €
water-500	H ₂ O	500	ml	178,30 €

01-01-01000	FIREPol (regular DNA Polymerase) Comprando 3 unidades	1000	units	85 €
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Data Sheep