

Selection guide: Endpoint PCR enzymes & 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 Kit				1x	5 kb	3'A	★	★★	★★
FIREPol® Master Mix				1x	5 kb	3'A	★	★	★
FIREPol® Master Mix Ready to Load		☑		1x	5 kb	3'A	★	★	★
HOT FIREPol® DNA Polymerase Kit	☑			1x	5 kb	3'A	★	★★	★★
HOT FIREPol® GC Master Mix Kit	☑			1x	5 kb	3'A	★	★★★★	★
HOT FIREPol® MultiPlex Mix	☑			1x	5 kb	3'A	★	★	★★★★
HOT FIREPol® MultiPlex Mix Ready To Load	☑	☑		1x	5 kb	3'A	★	★	★★★★
HOT FIREPol® Blend Master Mix	☑			5x	5 kb	3'A/Blunt	★	★	★
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	★★★★	★	★★★★

*Enables amplification of up to 5 kb fragments from low complexity DNA templates (e.g. cDNA, lambda, plasmid DNA), and up to 3 kb from genomic DNA (human, animal, plant).



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