

FlashTaq™ HotStart 2X MeanGreen Master Mix

Enzymes and Reagents

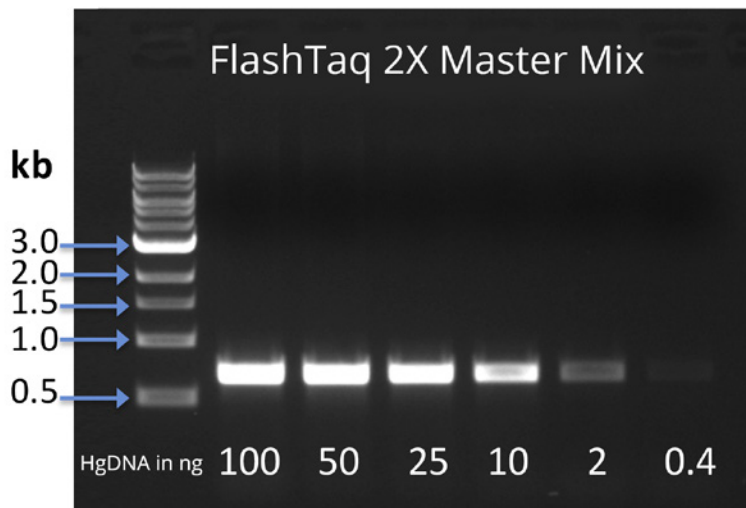
PCR | qPCR | RT | Kits | Oligonucleotides

Performance

Empirical's FlashTaq™ HotStart 2X MeanGreen™ Master Mix is a ready-to-use master mix that contains FlashTaq™ HotStart DNA Polymerase, dNTPs, MgCl₂ and optimized buffers. It is supplied in a 2X formulation that requires only the addition of primers, template and water.

FlashTaq™ HotStart 2X MeanGreen™ Master Mix has one of the fastest activation times on the market at only two minutes at 95°C, resulting in faster cycling and fewer program changes. Chemical modification keeps it free of any contaminating DNA from modifying agents.

The dual-color loading dyes make monitoring easy during electrophoresis and do not inhibit PCR. The dyes run outside the range of typical PCR products and therefore do not obscure visualization. The blue dye runs at ~4kb and the yellow dye under 25bp



Empirical's FlashTaq™ HotStart 2X MeanGreen™ Master Mix is highly sensitive. FlashTaq™ HotStart 2X MeanGreen™ Master Mix was used in PCR reactions to amplify a 750bp fragment as human genomic DNA was decreased.

Features

Easy-to-Use

- Contains optimized dNTPs, buffers and high-quality aq.
- Optimized to allow prolonged use and storage at Ambient Temperature.
- Up to 60 Days at 15° to 25°C
- Up to 180 Days at 4°

Direct-to-Gel

- Contains dual-color loading dyes that will not inhibit PCR. Reactions can go directly from PCR tube to gel.

Rapid Activation

- Hot-start activation in only two minutes. No cycler program changes necessary.

Just add DNA, primers, H₂O and go!

Item Number	Rxn
FM-MMWD-100	100
FM-MMWD-250	250
FM-MMWD-500	500
FM-MMWD-1000	1000

Related Products

- EasyLoad™ Low-Range DNA Ladder
- EasyLoad™ Mid-Range DNA Ladder
- EasyLoad™ High-Range DNA Ladder
- 6X MeanGreen™ Loading Dye



Observe the Difference

TO ORDER, REQUEST SAMPLES OR FOR MORE INFORMATION, CONTACT:

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empiricalbioscience.com

Empirical Bioscience Product Line

Taq DNA Polymerases	
ITEM NO.	DESCRIPTION
TP-NB-100	Taq DNA Polymerase without Buffer, 100 Units
TP-NB-500	
TP-NB-1000	
TP-NM-100	Taq DNA Polymerase with 10X Reaction (no MgCl ₂) Buffer
TP-NM-500	
TP-NM-1000	
TP-MG-100	Taq DNA Polymerase with 10X Reaction (MgCl ₂) Buffer
TP-MG-500	
TP-MG-1000	

FlashTaq™ DNA Polymerases	
ITEM NO.	DESCRIPTION
FT-NB-100	FlashTaq™ DNA Polymerase without Buffer
FT-NB-500	
FT-NB-1000	
FT-NM-100	FlashTaq™ DNA Polymerase with 10X Reaction (no MgCl ₂) Buffer
FT-NM-500	
FT-NM-1000	
FT-MG-100	FlashTaq™ DNA Polymerase with 10X Reaction (MgCl ₂) Buffer
FT-MG-500	
FT-MG-1000	

Integrity DNA Polymerases™	
ITEM NO.	DESCRIPTION
HF-RB-MG-100	Integrity High-Fidelity DNA Polymerase™ with 10X Reaction Buffer
HF-RB-MG-200	
HF-RB-MG-500	
HF-RB-MG-1000	

PFU-50 High Fidelity Polymerase	
ITEM NO.	DESCRIPTION
PFU-50-100	PFU-50 High Fidelity Polymerase (50X Taq) with Reaction Buffer
PFU-50-200	
PFU-50-500	
PFU-50-1000	
PFU-50-5000	

dNTP Solutions	
ITEM NO.	DESCRIPTION
dNTP-1mL	UltraPure Deoxynucleotide Solution Mix, 10mM
dNTP-100-S0.2mL	UltraPure Deoxynucleotide Solution Set, 100mM
dNTP-100-S1mL	
dNTP-100-S5mL	

Taq Master Mixes	
ITEM NO.	DESCRIPTION
TP-MM-100	Taq 2X Master Mix
TP-MM-250	
TP-MM-500	
TP-MM-1000	
TP-MM-2500	
TP-MMWD-100	Taq 2X MeanGreen™ Master Mix
TP-MMWD-250	
TP-MMWD-500	
TP-MMWD-1000	
TP-MMWD-2500	5X Multiplex Master Mix
TP-MP-100	
TP-MP-500	
TP-MP-1000	
TP-MP-GCE-100	Multiplex Master Mix with GC Enhancer
TP-MP-GCE-500	

FlashTaq™ Master Mixes	
ITEM NO.	DESCRIPTION
FT-MM-100	FlashTaq™ 2X Master Mix
FT-MM-250	
FT-MM-500	
FT-MM-1000	
FT-MMWD-100	FlashTaq™ 2X MeanGreen™ Master Mix
FT-MMWD-250	
FT-MMWD-500	
FT-MMWD-1000	

EasyLoadDNA Ladders™	
ITEM NO.	DESCRIPTION
LA-EL-LR-100	EasyLoad™ Low-Range DNA Ladder, 100 Lanes
LA-EL-MR-100	EasyLoad™ Mid-Range DNA Ladder, 100 Lanes
LA-EL-HR-100	EasyLoad™ High-Range DNA Ladder, 100 Lanes

AlloyTaq Blends™	
ITEM NO.	DESCRIPTION
AT-HF-RB-100	AlloyTaq™ High-Fidelity Blend with 10X Reaction Buffer
AT-HF-RB-200	
AT-HF-RB-500	
AT-HF-RB-1000	

GC Enhancers	
ITEM NO.	DESCRIPTION
GCE-10-100	10X GC Enhancer
GCE-10-500	

MeanGreen™ Buffer	
ITEM NO.	DESCRIPTION
RB-WD-20mL	5X MeanGreen™ Buffer (20 x 1mL)

MeanGreen™ Loading Dye	
ITEM NO.	DESCRIPTION
LD-MG-4mL	6X MeanGreen™ Loading Dye

rEVALution™ qPCR Mixes	
ITEM NO.	DESCRIPTION
RQ-100	rEVALution 2X™ qPCR Master Mix with separate ROX®
RQ-500	
RQ-1000	
RQ-2500	

2x qPCR Probe Master Mix™	
ITEM NO.	DESCRIPTION
QP-MM-100	2x qPCR Probe Master Mix with separate ROX®
QP-MM-500	
QP-MM-1000	
QP-MM-2500	

RTScript™	
ITEM NO.	DESCRIPTION
RT-CSK-100	Reverse Transcriptase cDNA Synthesis Kit

Kits	
ITEM NO.	DESCRIPTION
PMK-50	Plasmid Mini-Prep Kit
PMK-250	
PPK-50	PCR Purification Kit
PPK-250	
AGEK-50	Agarose Gel Extraction Kit
AGEK-250	

Oligonucleotides	
ITEM NO.	DESCRIPTION
RTG-PR	Ready to Go™ Primers