

The ideal Master Mix for your PCR Applications

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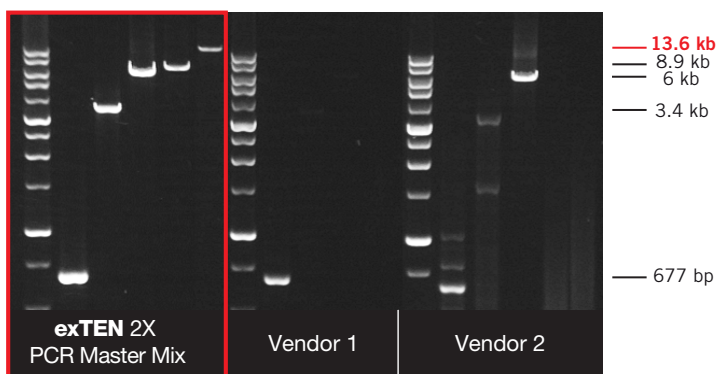


NEW

exTEN 2X PCR Master Mix is an enhanced premixed blend that is capable of amplifying target length of up to 10kb and delivering superior results with high sensitivity & convenience!

- ✓ Increased PCR success rates with **superior yield** and **robust amplification of fragments up to 10kb**
- ✓ **Greater sensitivity** achieved with low concentration template DNA
- ✓ **Minimum pipetting steps** required as it is formulated for easy preparation and direct loading which also reduces contamination & errors.

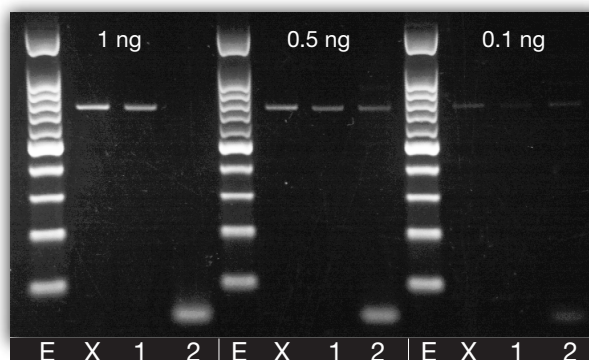
Superior yield and robust amplification of DNA fragments



DNA Ladder: ExactMark 1kb DNA Ladder

DNA fragments across different targets from a human genomic DNA were amplified with exTEN 2X PCR Master Mix and other commercial polymerases. In comparison to the other polymerases, amplification of target at 13.6kb and beyond with **exTEN 2X PCR Master Mix** is still achievable with superior yield.

Better sensitivity achieved

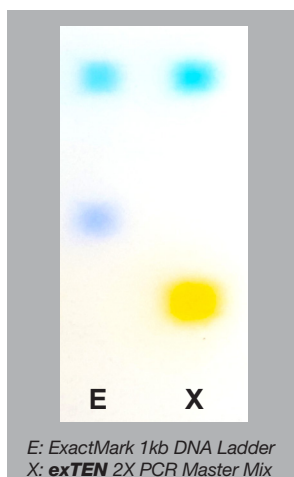


E: ExactMark 1kb DNA Ladder
X: **exTEN 2X PCR Master Mix**
1 & 2: other commercial polymerases

Amplification of a 677bp fragment from human genomic DNA on different amount of templates DNA starting from 1ng to 0.1ng is shown above. Even with a low concentration DNA template of 0.1ng, **exTEN 2X PCR Master Mix** produces better results in terms of sensitivity among the other polymerases.

Convenient & ease of handling - shorten preparation time

exTEN 2X PCR Master Mix is a premix containing all necessary components including $MgCl_2$, buffer, loading dyes, & dNTPs. It only requires addition of template, primers and water prior to PCR cycling. Direct loading of PCR products onto gel is performed without any additional steps thereafter.



E: ExactMark 1kb DNA Ladder
X: **exTEN 2X PCR Master Mix**

Ordering Information

Product No.	Description	Size/Apl.
BIO-5186-200	exTEN 2X PCR Master Mix	200 rxns
BIO-5186-1000		1000 rxns

Related Products

BIO-5115-500U	REDiant Taq DNA Polymerase (recombinant) - $MgCl_2$ separate	500 U
BIO-5185-200 BIO-5185-1000	REDiant 2X PCR Master Mix	200 rxns 1000 rxns
BIO-5140-100µg BIO-5140-250µg	ExactMark 1kb DNA Ladder, Ready-To-Use, 100µg/250µg	~200 appl. ~500 appl.
BIO-5170-1ml	FloroSafe DNA Stain, 1ml	~200 appl.
BIO-1000-100g BIO-1000-500g BIO-1000-1kg	Agarose, General Purpose, Molecular Biology Grade	100g 500g 1kg