

Superior RT-PCR Fidelity with the MasterAmp™ High Fidelity RT-PCR Kit

Now, EPICENTRE offers complete solutions for all RT-PCR needs with two unique kits! The original MasterAmp™ RT-PCR Kit provides researchers the highest sensitivity for applications like detection. The new MasterAmp High Fidelity RT-PCR Kit is ideal for scientists who want to clone and/or express an accurate RT-PCR product and therefore need minimal PCR error rates.

The new MasterAmp High Fidelity RT-PCR Kit uses MMLV-RT Plus and MasterAmp TAQurate™ DNA Polymerase to dramatically reduce the error rate of RT-PCR amplification. MasterAmp TAQurate DNA Polymerase contained in the kit has a fidelity rate 3 times higher than Taq DNA polymerase.

The MasterAmp High Fidelity RT-PCR Kit offers the ease of a one-step reaction and the flexibility of two-step RT-PCR when needed. No other high fidelity RT-PCR kit comes with the convenience of an RT-PCR PreMix solution. The MasterAmp 2X RT-PCR PreMix contains dNTPs, MgCl₂, and buffer all in one vial. There is no need to add these components separately, thus reducing the chances of contamination and decreasing reaction set-up time. For added convenience, the kit contains both oligo (dT)₁₈ and random nonamer primers.

Finally, EPICENTRE's MasterAmp PCR Enhancement Technology (with betaine)⁺ can substantially improve the yield and specificity of amplification reactions, especially where the template has a high G+C content or secondary structure. Simply titrate as needed for particularly difficult amplifications.

⁺Patents issued and pending.

Order Now to Save 25% on the New MasterAmp™ High Fidelity RT-PCR Kit!

MasterAmp™ High Fidelity RT-PCR Kit

RF91025	25 Reactions
RF910100	100 Reactions

MasterAmp™ RT-PCR Kit (for high sensitivity)*

RT71225	25 Reactions
RT712100	100 Reactions

**This is the original MasterAmp™ RT-PCR Kit*

For more information, please see the article on page 9 of this issue or visit our web site at www.epicentre.com/catalog/hfirtpcr.htm

Comparison of EPICENTRE's MasterAmp™ RT-PCR Kits

Features:	New MasterAmp™ High Fidelity RT-PCR Kit	MasterAmp™ RT-PCR Kit* (for high sensitivity)
Highest Fidelity	✓	
Highest Sensitivity		✓
Enzymes	MMLV-RT Plus and MasterAmp™ TAQurate™ DNA Polymerase Mix	RetroAmp™ RT DNA Polymerase
Both One-Step and Two-Step Protocols	✓	✓
Includes MasterAmp™ Enhancer Technology	✓	✓
Includes Random/Oligo dT Primers	✓	✓
Longest Amplifications	✓	
High Temperature cDNA Synthesis		✓

**This is the original MasterAmp™ RT-PCR Kit*

EPICENTRE TECHNOLOGIES

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