

EPICENTRE BIOTECHNOLOGIES
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Emergency Tel: 608-258-3080 or 800-284-8474 7:30-4:30 Central

This information is provided for purchasers of MasterAmp™ RT-PCR Kits and MasterAmp™ High Fidelity RT-PCR Kits represented by the following Epicentre catalog numbers: RT71225, RT712100, RF910100 and RF91025

The RF910100 and RF91025 kits contain:

- MMLV-RT Plus
- MasterAmp™ TAQurate™ DNA Polymerase Mix
- MasterAmp™ 2X RT-PCR PreMix
- MasterAmp™ 10X RT-PCR Enhancer
- Random Nonamer Primer
- Oligo (dT)₁₈ Primer
- Control Template/Primers Mix
- Sterile Nuclease Free Water

The RT71225 and RT712100 kits contain:

- RetroAmp™ RT DNA Polymerase
- 20X RT-PCR Buffer
- MasterAmp™ 10X PCR Enhancer
- 25 mM MgCl₂
- 25 mM MnSO₄
- Control Template/Primers Mix
- Sterile Nuclease Free Water

The enzymes are proteins isolated from non-hazardous bacteria. They present no known threat to humans or laboratory animals. Each of these protein solutions is supplied in a 50/50 glycerol: H₂O solution containing salts and detergents. A material safety data sheet for glycerol is provided. These materials are for research use only.

An MSDS is available for the 10X Enhancer Solutions.

The 20X RT-PCR Buffer: 1.0M Tris•HCl, pH 9.0, 250mM NaCl, 400mM (NH₄)₂SO₄.
MasterAmp™ 2X RT-PCR PreMix contain 100mM Tris•HCl, 100mM KCl, 3mM MgCl₂, and 400 μM each dNTP. MSDSs are provided for Tris, (NH₄)₂SO₄, KCl and dNTPs.

Epicentre recommends all normal precautions be taken whenever all hazards are not known. We recommend wearing gloves and avoiding direct contact with skin and eyes when handling biochemical and chemical solutions.

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