



AuPreP Citations

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AuPreP Family**

AUPREP™ Red PCR Master Mix [2x] (100Rxns)

AUPREP Red PCR Master Mix is a premixed, ready-to-use solution for efficient amplification of DNA templates by PCR.

Cat. No.: AUP-RM2X-100R

Store at: -20°C. Minimize the number of freeze-thaw cycles by storing in working aliquots. Product can be stored at 2-4°C for up to 1 month. **Mix well prior to use.**

Product Description: AUPREP Red PCR Master Mix is a ready to use master mix. It is a convenient way of amplifying DNA fragments without the need to use individual components. AUPREP Red PCR Master Mix contains Taq polymerase, reaction buffer, dNTPs and magnesium. AUPREP Red PCR Master Mix contains a red dye and precipitant for direct loading onto Agarose gel following PCR amplification and monitoring progress during electrophoresis.

Components: Each 100 Rxn pack contains 1x 2500 µl of 2x working concentration PCR Master Mix sufficient for 100 x 50µl reactions.

Final reaction formulation contains:-

2.0 units Taq DNA Polymerase
75mM Tris HCl (pH 8.5)
1.5mM MgCl₂
0.2mM Each of dATP, dCTP, dGTP and dTTP

Red dye and precipitant.

NB- Nuclease free water is supplied on request.

How to use-- For a 50µl reaction, take 25µl of Red PCR Master Mix and add template, primers and water in a 25µl volume. After PCR, the samples may be loaded directly on an Agarose gel. Following amplification, load the PCR products immediately onto Agarose gel for electrophoresis

Other AuPreP™ DNA/RNA Kits

AuPreP™ Plasmid Maxi Kit
AuPreP™ Plasmid Midi Kit
AuPreP™ SPIN™ SPIN Miniprep Kit
AuPreP™ Blood Genomic DNA Maxi
AuPreP™ Blood Genomic DNA Extraction Midi Kit
AuPreP™ GEN^{bt} DNA Extraction Kit

Other Related Products

AuPreP Oligos (High Affinity Purified Oligo synthesis available in different scales, purifications & modifications)
AuPreP TaQ DNA Polymerase (Ultrapure, Ultra-stable & Ultra-sensitive Taq DNA Polymerase)
AuPreP Hotstart TaQ DNA Polymerase (Robust Polymerase for Hotstart PCR assays)
AuPreP Super Fidelity TaQ DNA Polymerase (High fidelity Polymerase produces blunt ended amplicons upto 5Kb)
PCR Doctor - (PCR enhancer for AuPreP Hotstart Taq or Super Fidelity Taq especially designed for GC/AT/Dirty/Difficult Templates)
AuPreP Longjump Polymerase (Robust Long Polymerase for templates > 4kb to 18kb+ for challenging PCRs)
AuPreP Red PCR Master Mix (2x Master mix with Red Dye without Enhancer)
AuPreP DIAMOND MASTER-MIX (2x Mastermix with PCR Enhancer & Stabilizer without

Marketed by:

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<p>AuPreP™ DNA easy Plant Maxi kit</p> <p>AuPreP™ DNA easy Plant Mini Kit</p> <p>AuPreP™ PCR Purification Kit</p> <p>AuPreP™ Plant RNA Maxi Kit</p> <p>AuPreP™ Plasmid Maxi Kit</p> <p>AuPreP™ RNA Easy Midi Kit</p> <p>AuPreP™ RNA^m Mini Kit</p> <p>AuPreP™ RNV^m Viral RNA Extraction Miniprep Kit</p>	<p>tracking dyes)</p> <p>AuPreP DIAMOND DOUBLE DYE MASTERMIX (2x Mastermix with PCR Enhancer, Stabilizer & tracking dyes)</p> <p>AuPreP DNA Extraction System (A fast Reagent for pure genomic DNA isolation for down stream applications)</p> <p>AuPreP RNA Extraction System (for Purest & High Quality RNA extraction with simple cost effective protocol)</p> <p>AuPreP Gold cDNA Synthesis Kit (Highly Cost effective cDNA Synthesis Kit using RT with reduce Rnase H activity)</p> <p>AuPreP Gold RT-PCR Combo Kit (2 step RT-PCR protocol with tracking Dye)</p> <p>AuPreP Extra Mile First Strand cDNA System (Premium cDNA Synthesis Kit using RT with point mutant Rnase H minus activity)</p> <p>Novascript III RNase H⁻ RT (Premium Ultra-stable Rnase H minus RT for long high quality cDNA construction)</p> <p>Novascript III single step RT-PCR System (Premium 1step RT-PCR system using Novascript & AuPreP Hotstart DNA Polymerase)</p> <p>AuPreP Random Primer labeling Mix System (Premixed solution for the labeling of DNA with radiolabeled dCTP using random sequence oligonucleotides)</p>
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