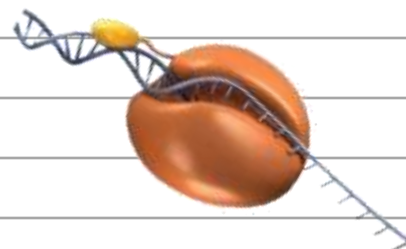


Red- Taq DNA Polymerase Master Mix (2X) – RTP-M001

| | |
|---------------------------|--|
| Catalog No. | RTP-M001 |
| Lot No. | PT14/233-28/07 |
| Source | An <i>E. Coli</i> strain that carries Recombinant Taq DNA polymerase gene. |
| Application | Routine PCR amplification of DNA fragments up to 5 kb from genomic DNA and qPCR. |
| Shipping Condition | Liquid form Master mix |
| Storage Condition | keep at -20 ° C |
| Quantity | 1ml |
| Expiry | |

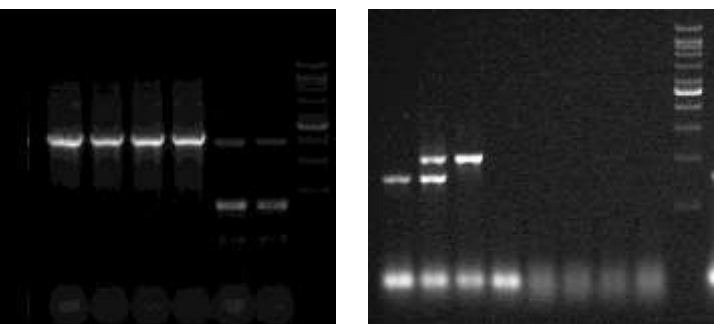


PCR Reaction

| Components | Volume (For 20 µL reaction) |
|----------------------|--------------------------------|
| 10 µM Forward Primer | 0.4 µL |
| 10 µM Reverse Primer | 0.4 µL |
| RTP-M001 | 18.2 µL |
| cDNA /DNA Template | Variable |
| Nuclease Free Water | Variable |

PCR Program (General)

| Step | Temperature | Time |
|--------------------------|----------------------------|------------------------------------|
| Initial denaturation | 95° C-98° C | 1-5 min |
| 25-35 cycles (Annealing) | 95° C 45-68° C 72° C | 30 sec 1-2 min 30 sec- 2 min |
| Final Extension | 72° C | 1-5 min |
| Hold | 4° C | ∞ |



Note: No loading buffers or tracking dyes required. Samples may be added directly to an agarose gel after PCR and visualized

Performance Test :

Quality control analysis of 2X Red Taq DNA polymerase master mix (Lot No.: PT14/233-28/07): Red Taq master mix used for PCR of bacterial plasmid & plant genomic DNA template.

Ordering Information:
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