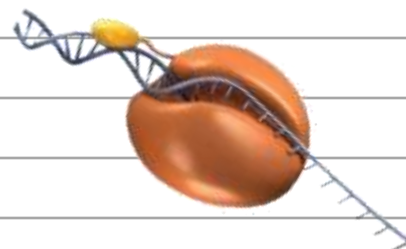


## Taq DNA Polymerase Master Mix

<b>Catalog No.</b>	HMT002
<b>Lot No.</b>	PT15/145
<b>Source</b>	An <i>E. Coli</i> strain that carries Recombinant Taq DNA polymerase gene.
<b>Application</b>	Routine PCR amplification of DNA fragments up to 5 kb from genomic DNA and qPCR.
<b>Shipping Condition</b>	Liquid form Master mix
<b>Storage Condition</b>	keep at -20 ° C
<b>Quantity</b>	1ml
<b>Expiry</b>	

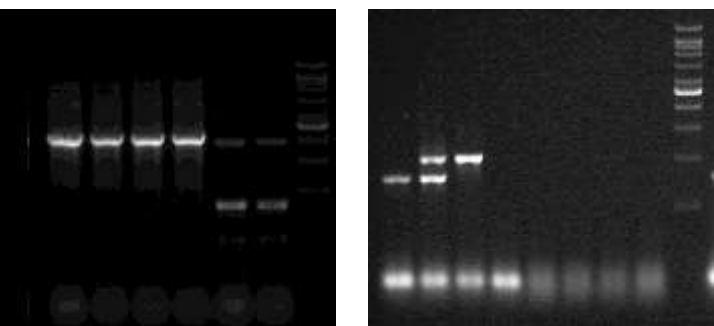


### PCR Reaction

Components	Volume (For 20 µL reaction)
10 µM Forward Primer	0.4 µL
10 µM Reverse Primer	0.4 µL
HMT002	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	30 sec
	45-68° C	1-2 min
	72° C	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 Ready to use Red Taq DNA polymerase master mix (Lot No.: PT15/145): Red Taq master mix used for PCR of bacterial plasmid & plant genomic DNA template.

**Ordering Information:**  
 GeNext Genomics Pvt. Ltd.  
 103, Abhyankar Nagar,  
 Nagpur - 440010.  
 Ph.No.08888803973, 8459261119