

**MBT075**

**Hi-PCR Kit**

Product Name	Product Code	Kit Packing
Hi-PCR Kit	MBT075-10R	10 reactions
Hi-PCR Kit	MBT075-25R	25 reactions

**Description:**

Hi-PCR Kit is provided at affordable price and is designed to meet various needs while providing convenience in many ways. Hi-PCR kit contains all necessary components for PCR. The user needs to add the desired template and primers of interest. This kit is beneficial when sharing the reagents with other users.

**Hi-PCR kit is provided with:**

Components	Product Code	Recommended volume to be added for 50 µl reaction	Final concentration in the reaction mixture	Reagents provided for 10R (reactions)	Reagents provided for 25R (reactions)
10X Assay Buffer	DS0278	5 µl	1X	75 µl	150 µl
10 mM dNTP mix	MBT078	5 µl	1 mM	75 µl	150 µl
50 mM MgCl <sub>2</sub>	DS0118	2.5 µl	2.5 mM	75 µl	150 µl
Taq DNA Polymerase (1 U/µl)	MBT060D	2.5 µl	1 Units	50 µl	100 µl
Molecular Biology Grade Water for PCR	ML065	Upto 50 µl	-	1 ml	2 ml
6X Loading Dye	ML015	-	-	100 µl	200 µl

**Recommended PCR program:**

1. Initial denaturation : 94°C for 5-10 minutes
2. Cycling Parameters (No. of cycles: 27-35)
  - Denaturation : 94°C for 45 seconds
  - Annealing : 50-60°C for 30 seconds
  - Extension : 72°C for 30 seconds
3. Final Extension : 72°C for 5-10 minutes

**Storage conditions:** Store at -20°C. When stored under recommended conditions, the kit components are stable for 1 year.

**Quality control:**

Detected free of RNases, endonuclease and exonuclease activities.

Please refer disclaimer Overleaf.

## Technical Assistance

At HiMedia, we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail at [mb@himedialabs.com](mailto:mb@himedialabs.com).



Consult instructions for use



Do not use if package is damaged



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MBT075-04

### Disclaimer :

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