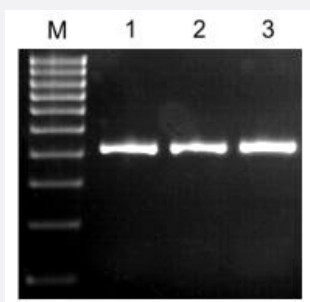


# Taq DNA Polymerase

Catalog # D0010      Size 500 Units, 1000 Units, 2500 Units

## Applications



Amplification of 420 bp target DNA using DNA Polymerase.

M : 100 bp DNA Ladder ( Cat # D0029 ).

1 ~ 3 : Taq DNA Polymerase ( Cat # D0010 ).

## Specification

|                                |                                                                                                                                                                                                                               |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Taq DNA polymerase catalyzes the 5'-3' synthesis of DNA. The enzyme has been proven not to have the 3'-5' exonuclease activity. The enzyme has proven to have a high amplification yield, and be stable at high temperatures. |
| <b>Concentration</b>           | 5 units/uL                                                                                                                                                                                                                    |
| <b>Quality Control Testing</b> | Free of detectable, non-specific nucleases.<br>Amplification of 420 bp target DNA using DNA Polymerase.<br>M : 100 bp DNA Ladder ( Cat # D0029 ).<br>1 ~ 3 : Taq DNA Polymerase ( Cat # D0010 ).                              |
| <b>Supplied Product</b>        | 10x reaction buffer                                                                                                                                                                                                           |
| <b>Storage Buffer</b>          | 20 mM Tris-HCl (pH 8.0), 1 mM DTT, 0.1 mM EDTA, 100 mM KCl, 0.5% Nonidet P40, 0.5% Tween 20 and 50% glycerol.                                                                                                                 |
| <b>Storage Instruction</b>     | Store at -20°C. Guaranteed stable for 6 months when properly stored.                                                                                                                                                          |

## Applications

- Polymerase Chain Reaction