

# AMPLIQON A/S

## GLYCEROL FREE & LYO-READY



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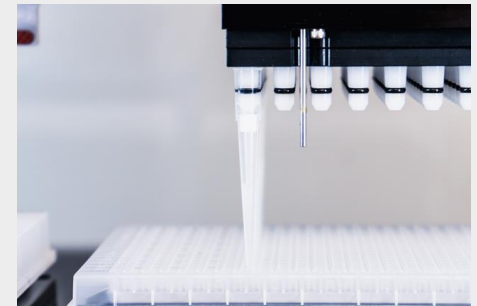
AMPLIQON IIII  
PCR ENZYMES & REAGENTS

## Ampliqon offers glycerol free DNA polymerases in small to large volumes:

- Glycerol free DNA polymerases 5 - 50 U/ $\mu$ l

## Manufactures lyo-ready products according to customer needs:

- Lyo-ready DNA polymerases
- Lyo-ready PCR master mixes
- Lyo-ready real-time PCR master mixes



The lyo-ready products contain all the necessary ingredients such as lyo-protectants, pH stabilizers and antioxidants, which make them completely ready to be freeze-dried.

# GLYCEROL FREE PRODUCTS

AMPLIQON IIII  
PCR ENZYMES & REAGENTS

## Taq DNA Polymerase- and TEMPase Glycerol free

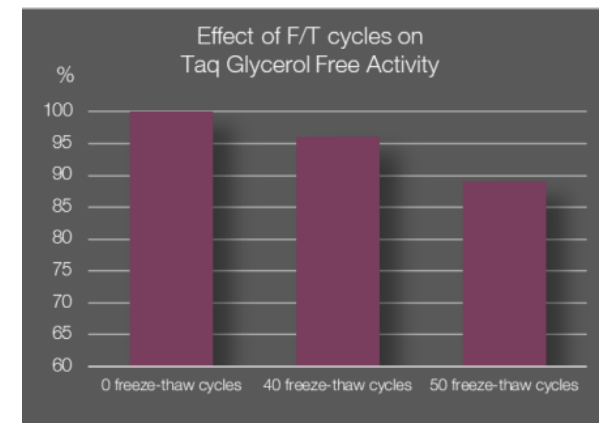
- Same specifications as Taq DNA Polymerase and TEMPase Hot Start DNA Polymerase
- Highly stable
- Glycerol free storage buffer

### Ideal for:

- Lyophilization
- High throughput assays

### Concentrations:

- Taq 5U/ $\mu$ l
- Taq 50U/ $\mu$ l
- TEMPase 5U/ $\mu$ l
- TEMPase 20 U/ $\mu$ l



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# LYOPHILIZED MASTER MIXES

AMPLIQON III  
PCR ENZYMES & REAGENTS

## DryTECH TEMPase 5x Master Mix Green and Clear:

- Lyophilized PCR master mix
- Easily reconstituted
- All-in-one 5x PCR master mix
- Direct loading
- Green dye separates into a yellow and blue
- Processes up to 4 kb
- Hot start technology
- Shipping and storage at ambient temperature
- Cost saving shipment
- Stable for 12 months  $\leq 25$  °C



**Reduced electricity usage:**  
Storage at room temperature



**Reduced emission of greenhouse gas:**  
Shipped at ambient temperature



**Cost saving transport:**  
Shipped without dry-ice



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# TAQ DNA POLYMERASE

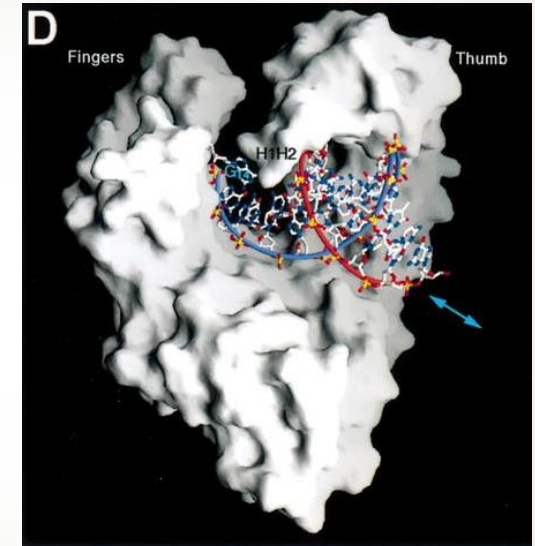
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## Ampliqon Taq DNA Polymerase

- High product yield
- Processes up to 5 kb
- dUTP incorporation possible
- Convenient for direct T-A cloning
- Stable at 4 °C up to six months

Taq:	1 U/ $\mu$ l and 5 U/ $\mu$ l
Taq Glycerol Free:	5 U/ $\mu$ l and 50 U/ $\mu$ l



*Ampliqon recombinant Taq DNA Polymerase is produced from our in-house clone.*



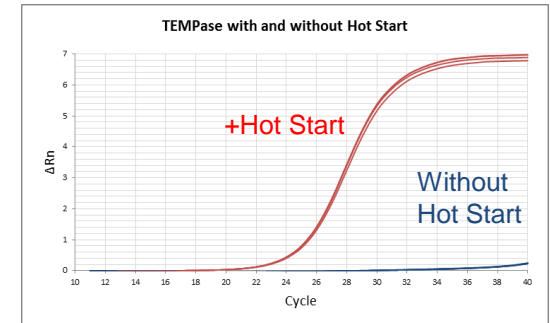
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# TEMPase HOT START



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- Chemically modified Taq DNA polymerase
- **Hot Start - 15 minutes!**
- Set-up at room temperature
- ▶ • No handling on ice
- Reduces risk of non-specific amplification
- Eliminates primer dimer formation
- Hot Start improves amplification of GC rich targets



TEMPase: 5 U/μl  
TEMPase Glycerol Free: 5 U/μl

- Processes up to 5 kb
- dUTP incorporation possible
- Convenient for direct T-A cloning
- Stable at 4 °C up to six months



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# AMPLIQON PCR PRODUCTION

AMPLIQON   
PCR ENZYMES & REAGENTS

- High quality
- Competent technical support
- Fast deliveries
- Standard range
- Customized solutions



## PCR enzymes

Complete product range  
Covering the need for modern  
PCR applications



THANK YOU

