

## m-Anti-Taq in Glycerol

**Features:**

- Anti-Taq can inhibit the reaction of Polymerases at room temperature
- Ideal as enhancer for PCR reactions

**Description:**

m-anti-Taq is derived from hybridoma. m-anti-Taq antibodies are mouse IgG type.

**Application:**

Polymerase detergent/enhancer for:

- High specific amplification
- Multiplex amplification
- High sensitivity applications
- Low-copy number PCR

**Unit definition:**

One unit is defined as the amount of antibodies required to blocks 50% activity of 1 µg of Polymerase

**Note:** The ratio units/mg of polymerase varies (up to factor of 10). The binding rate Anti-Taq depends strongly of the polymerization region (active epitopes) of the polymerase. The optimized mixture has to be found in empiric test and for every lot of polymerase, again.

**Storage Buffer:**

20mM Tris-HCl (pH 7.0, at 22°C);50 mM KCl;0.1mM EDTA; 50% glycerol

**Concentration:** 2mg/ml

**Units/mg-ratio:**

2300 units of the specific polymerase activity are equal to 1 mg of antibodies

**QC-Test:**

> 95% of protein in SDS electrophoresis in 15% PAAG

**Storage:** at – 20°C for 24 months

**Transportation:** at room temperature or with blue ice

**Ordering information:**

Cat.-no	Description	Amount
S131	Maximo m-Anti Taq	100 µg
S132	Maximo m-Anti Taq	500 µg

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## m-Anti-Taq in Trehalose

### Features:

- Anti-Taq can inhibit the reaction of Polymerases at room temperature
- Ideal as enhancer for PCR reactions

### Description:

m-anti-Taq is derived from hybridoma produced by the fusion of mouse myeloma cells and splenocytes from a mouse immunized with Taq DNA Polymerase, Monoclonal m-Anti-Taq is of mouse IgG2b isotype. The product is provided in Trehalose buffer pH 8.0.

### Application:

Polymerase detergent/enhancer for:

- High specific amplification
- Multiplex amplification
- High sensitivity applications
- Low-copy number PCR

### Unit definition:

One unit is defined as the amount of antibodies required to blocks 50% activity of 1 µg of Polymerase

**Note:** The ratio units/mg of polymerase varies (up to factor of 10). The binding rate Anti-Taq depends strongly of the polymerization region (active epitopes) of the polymerase. The optimized mixture has to be found in empiric test and for every lot of polymerase, again.

### Storage Buffer:

3mM Tris-HCl (pH 8,0, @ 22°C); 15 mM KCl; 0.1mM EDTA; 20 % Trehalose (pH 8,0, @ 22°C);

**Concentration of this batch:** 7,5 mg/ml

### QC-Test:

> 94% of protein in SDS electrophoresis in 15% PAAG

**Storage:** at – 20°C for 24 months

**Transportation:** at room temperature or with blue ice

### Ordering information:

Cat.-no	Description	Amount
S131-BC1	Maximo m-Anti Taq	100 µg
S132-BC1	Maximo m-Anti Taq	500 µg

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