

m-Anti-Taq

Features:

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

Description:

m-anti-Taq were derived from hybridoma. m-anti-Taq antibodies are mouse IgG type. Clone No: 4O10

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: 2-10 mg/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