

MedixMDx Anti-Taq Polymerase mAb (Clone MC1101)

Description

MedixMDx Anti-*Taq* Polymerase mAb is a highly purified monoclonal antibody that binds to DNA polymerase from *Thermus aquaticus* (*Taq* polymerase). Anti-*Taq* Polymerase mAb binds to and inactivates *Taq* polymerase at room temperature. Therefore, in the presence of MedixMDx Anti-*Taq* Polymerase mAb, *Taq* polymerase is inactive when setting up PCRs at room temperature.

MedixMDx Anti-*Taq* Polymerase mAb dissociates from *Taq* polymerase at elevated temperatures (higher than 50°C). Consequently, *Taq* polymerase is only active at elevated temperatures. This prevents the formation of primer dimers and non-specific amplification during PCRs.

Storage and shipment

Transport with an ice pack. The reagent should be stored between 2°C and 8°C upon arrival. The reagent is stable for 12 months if stored correctly.

Technical information and support

For technical enquiries or assay development support, please contact us via e-mail at: mdx@medixbiochemica.com. Additional information and technical resources are available on our website at: www.medixbiochemica.com/en/MedixMDx.

Properties

Property

Isotype	IgG1
Clone	MC1101
Storage buffer	Tris buffer pH 7.5
Source	Mouse
Purity	≥95%

Kit components

Component	*MX71031-1 (1 mg)	*MX71031-5 (5 mg)
MedixMDx Anti- <i>Taq</i> Polymerase mAb (10 mg/mL ± 10%)	0.1 mL	0.5 mL

*Other pack sizes or bulk orders are available upon request.



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