

## MedixMDx Anti-*Taq* Polymerase mAb (Clone MC1101)

Cat. No: MX71031

### Product Information Leaflet

#### 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.

#### 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)	0.1 mL	0.5 mL

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

#### 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](mailto:mdx@medixbiochemica.com). Additional information and technical resources are available on our website at: [www.medixbiochemica.com/en/MedixMDx](http://www.medixbiochemica.com/en/MedixMDx).