

GUeasy Plus Taq Antibody

i. Product Description

GUeasy Plus Taq Antibody (Cat#AQP3009) is an upgraded version of anti-Taq monoclonal antibody, the antibody concentration is 5mg/ml, and can inhibit DNA polymerase activity after binding with Taq enzyme. The recommended blocking range is 1mg antibody to block Taq enzyme 15000~30000U. GUeasy Plus Taq Antibody has a higher affinity with Taq enzyme, and can well block the exonuclease activity of Taq DNA polymerase and the polymerase activity of Taq DNA polymerase, so it can very effectively inhibit primer dimers and non-specific amplification. increase. GUeasy Plus Taq Antibody can be inactivated by heating at 95°C for 5S, completely releasing Taq enzyme activity, and is suitable for various hot-start PCR and qPCR reactions based on Taq enzyme. GUeasy Plus Taq Antibody is produced by large-scale suspension cell fermentation and purified by GMP-level purification method, which minimizes host antibody, nucleic acid and other residues, so it has extremely high purity and batch stability. This product does not contain glycerin and other substances, and is more suitable for the production of freeze-dried agents. The reaction conditions are simple. Rotate and mix at room temperature (25°C) and incubate for 30 min. 1 μ L of antibody (5 mg/mL) can block 75-150 U Taq DNA polymerase. Large-volume blocking operations can appropriately extend the incubation time.

ii. Advantages

Stability: High standard production process achieves extremely high stability.

High affinity: It has a high affinity with Taq enzyme.

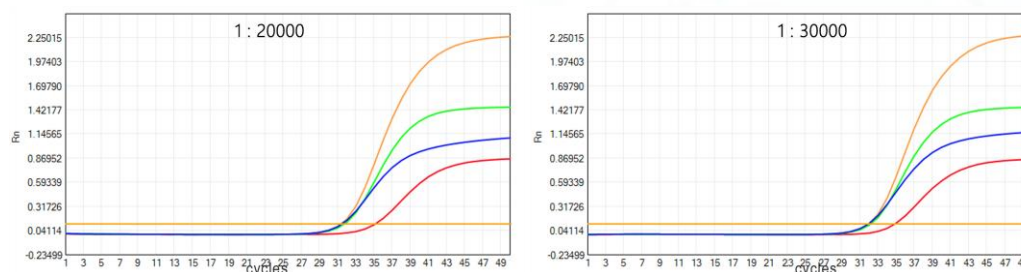
Compatibility: It has good compatibility with Taq enzymes and Tth enzymes of different brands.

iii. Experimental data

Test system: Calf thymus genome DNA template qPCR, the reaction system was placed in room temperature reaction for 4h.

Test product: GUeasy Taq Antibody blocking Taq DNA polymerase.

Instrument model: SLAN-96S.



iv. Storage condition

Shipped in ice-pack, stored at -20°C, valid for two years.

v. Product Specification

product	Catelog#	Size
GUeasy Plus Taq Antibody	AQP3009-1	1mg
GUeasy Plus Taq Antibody	AQP3009-3	3mg
GUeasy Plus Taq Antibody	AQP3009-5	5mg