



PCRBIO SYSTEMS
simplifying research

HS Taq Antibody (10 mg/mL)

www.pcrbio.com

Product description

HS Taq Antibody (10 mg/mL) is a highly concentrated blend of monoclonal anti-Taq antibodies for use in the preparation of master mixes for hot start PCR and qPCR.

HS Taq Antibody (10 mg/mL) inhibits Taq DNA polymerase activity at room temperature, helping to prevent primer dimer formation and non-specific amplification, leading to greater sensitivity and specificity, and the ability to set up reactions at room temperature. By raising the temperature during the initial denaturation step of thermal cycling, inhibition of Taq is reversed.

Recommended use

For optimal hot start activity we recommend combining 3.33 μ L of HS Taq Antibody (10 mg/mL) with 1 μ L of Taq DNA Polymerase (250 U/ μ L) in the PCR buffer, followed by incubation at 37 °C for at least 30 minutes to ensure that Taq is fully bound by the antibody.

Related products

Cat. no.	Product
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PB10.28-05	HS Taq DNA Polymerase (250 U/ μ L)
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Component	5000 reactions
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HS Taq Antibody (10 mg/mL)	1 x 67 μ L
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Shipping and storage

On arrival the kit should be stored between -30 °C and -15 °C. If stored correctly the kit will retain full activity for 12 months.

Product use

This product has been manufactured under an ISO 13485 certified Quality Management System and is suitable for further manufacturing use as a component, reagent or reagent assembly for molecular biology diagnostics.

Technical support

Help and support is available on our website at <https://pcrbio.com/resources/> including answers to frequently asked technical questions. For technical support and troubleshooting please email technical@pcrbio.com with the following information:

- Reaction setup
- PCR cycling conditions
- Screen grabs of gel images/real-time PCR traces