AMPIGENE® HS Taq DNA Polymerase

Increased sensitivity standard PCR for a broader range of samples, with enhanced speed, yield, and specificity

AMPIGENE® HS Taq DNA Polymerase uses the latest developments in polymerase technology and buffer chemistry to optimize and increase PCR sensitivity.
The AMPIGENE® HS Taq DNA Polymerase and 5x AMPIGENE® reaction buffer are separate for flexibility and end-user customization.
Hot-start technology is used to increase sensitivity for PCR applications including genotyping, multiplex PCR, screening, library construction, colony PCR and PCR direct from blood and urine.
The AMPIGENE® HS Taq DNA Polymerase is resistant to PCR inhibitors and suitable for direct PCR from unprocessed samples: bacterial culture, bacterial colonies, blood, and urine.

- For everyday PCR applications with increased sensitivity
- Advanced hot-start DNA polymerase
- Flexible format with separate buffer
- Resistant to PCR inhibitors and suitable for unprocessed samples

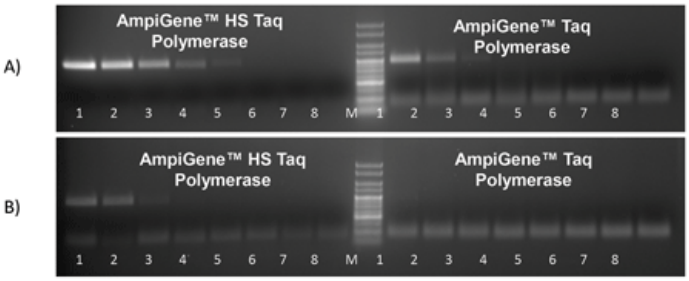
Ordering Information

Order Online »

ENZ-PRT101-0500	500U

Manuals, SDS & CofA

View Online »



Human Genomic DNA 100ng/µl, then 1/3 serial dilution. A) ß2MG (Beta-2 microglubulin) gene B) pgk gene. AmpiGene™ HS Taq DNA Polymerase does not produce primer-dimers and can amplify lower concentrations of DNA even from genes such as pgk that have high secondary structure levels.

Handling & Storage

Long Term Storage -20°C

Shipping Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Application PCR

Application Notes For standard PCR applications that require higher sensitivity

Contents AMPIGENE® HS Taq DNA polymerase (5u/µl)
5x AMPIGENE® reaction buffer (15mM $MgCl_2$, 5mM dNTPs, enhancers and stabilizers)

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