

Accuris™ High Fidelity DNA Polymerase



- **50X higher fidelity than Taq DNA polymerase**
- **Works with crude DNA samples**
- **Ideal for cloning, mutagenesis and microarrays**
- **Optimized buffer system with unique PCR enhancers**

Accuris High Fidelity Polymerase is ideally suited to amplification of crude samples with a high level of accuracy. In Lanes 1 through 8, decreasing amounts of polymerase (starting with 0.5 unit) are used in a colony PCR application in which bacterial DNA is amplified successfully, without any purification or removal of cell debris.



For applications requiring highly accurate amplification, choose Accuris High Fidelity DNA Polymerase. Modified for better sensitivity and higher activity for more reproducible performance, this polymerase will amplify a wide range of targets, including those that are GC or AT rich as well as crude samples. A 3'-5' proofreading exonuclease activity and an error rate of 4.55×10^{-7} makes Accuris High Fidelity DNA Polymerase the perfect partner for cloning applications. The supplied 5X buffer with dNTPs is optimized for compatibility with a variety of targets.

Item No.	Description	Size
PR1000-HF-200	Accuris High Fidelity DNA Polymerase	250u (2u/μl)
PR1000-HF-1000	Accuris High Fidelity DNA Polymerase	1000u (2u/μl)

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