

# Integrity High-Fidelity™ DNA Polymerase

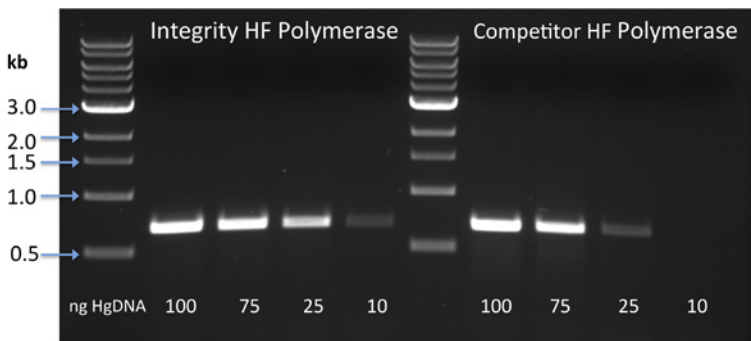
Enzymes and Reagents

PCR | qPCR | RT | Kits | Oligonucleotides

## Performance

Empirical's Integrity High-Fidelity™ DNA Polymerase contains an integral 3'-5' proofreading capability that increases the fidelity of Integrity to over 6X of Taq DNA polymerase.

Integrity is extremely stable at high temperatures and is free of contaminating endonucleases.



**Empirical's Integrity High-Fidelity™ DNA Polymerase is more sensitive than a leading competitor:** Empirical's Integrity High-Fidelity™ DNA Polymerase successfully amplified a 750bp fragment with as low as 10ng of human genomic DNA, whereas one of our leading competitors did not. Decreasing concentrations of human genomic DNA and one unit of enzyme were used.

## Features

### High Fidelity

- Over 6X fidelity of Taq.

### Multiple Applications

- High fidelity PCR, primer extension.

### Quality Control

- Free of contaminating endonucleases.

Item Number	Units
HF-RB-MG-250	250
HF-RB-MG-500	500
HF-RB-MG-1000	1000
HF-RB-MG-5000	5000

## Related Products

- UltraPure dNTP Solution Mix, 10mM each
- UltraPure dNTP Solution Set, 100mM each
- EasyLoad™ Low-Range DNA Ladder
- EasyLoad™ Mid-Range DNA Ladder
- EasyLoad™ High-Range DNA Ladder
- 6X MeanGreen™ Loading Dye



**TO ORDER, REQUEST SAMPLES OR FOR MORE INFORMATION, CONTACT:**  
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