

# NEW PRODUCT ALERT

## PCRBIO HS VeriFi™ Polymerase/Mix



cat# PB10.45-01, PB10.46-01, PB10.47-01  
cat# PB10.45-05, PB10.46-05, PB10.47-05

100 units  
500 units

### AptaLock™ hot start technology for maximized sensitivity and specificity

- Proprietary aptamer-like molecule reversibly inhibits both 3'-5' exonuclease activity and 5'-3' polymerase activity of enzyme at ambient temperatures
- Prevents primer dimer formation and non-specific amplification to maximize sensitivity and specificity

### 100x higher fidelity than Taq DNA polymerase

- Extremely low error rates and fidelity
- Provided with advanced buffer system (including Mg, dNTPs and enhancers) to enable high fidelity PCR for wide range of targets and fragment sizes

### Increased Processivity

- Derived from Pfu
- Greater success with long and/or GC or AT-rich templates (17.5kb and over)
- 30s extension per Kb depending on template

### Applications

High fidelity PCR - Long PCR - Multiplex and high throughput PCR - Site-directed mutagenesis  
Cloning - Sequencing

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