



**Creative Enzymes**

*Diagnostic Enzymes*

## Taq Pro Multiplex DNA Polymerase (High sensitivity)

### Product Information

<b>Cat#</b>	DIA-449
<b>Description</b>	Next-generation antibody-modified enzymes optimized for multiplex PCR. High specificity and amplification efficiency across diverse GC content and primer T <sub>m</sub> . Compatible with direct amplification from whole blood and blood cards without extra optimization, suitable for annealing at 60 °C. Capable of amplifying fragments from 50–3,500 bp with high sensitivity and stability, making them ideal for multiplex PCR detection applications.
<b>Storage</b>	–30 °C to –15 °C
<b>Product Overview</b>	<p><b>Product Components:</b></p> <p>200 rxns: 2× Multiplex Buffer (High sensitivity): 2 × 1,250 µL Taq Pro Multiplex DNA Polymerase (High sensitivity) (10 U/µL): 200 µL</p> <p>1000 rxns: 2× Multiplex Buffer (High sensitivity): 12.50 mL Taq Pro Multiplex DNA Polymerase (High sensitivity) (10 U/µL): 1 mL</p> <p><b>Product Features:</b></p> <p>Multiplexing: capable of enriching hundreds of amplicons simultaneously</p> <p>Tolerance: highly resistant to inhibitors and impurities; compatible with whole blood and dried blood spot direct PCR</p> <p>Stability: maintains performance under pressure tests (4 °C, 37 °C storage, freeze–thaw cycles, long-distance transport)</p> <p>Compatibility: supports amplification of 25%–75% GC fragments, primers with varying T<sub>m</sub> values, and target lengths from 50–3500 bp</p>
<b>Package</b>	200/1000 rxns

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