

Taq Pro Multiplex DNA Polymerase (High sensitivity)

Product Information

Cat#	DIA-449
Description	Next-generation antibody-modified enzymes optimized for multiplex PCR. High specificity and amplification efficiency across diverse GC content and primer Tm. 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.
Storage	−30 °C to −15 °C
Product Overview	Product Components: 200 rxns: 2× Multiplex Buffer (High sensitivity): 2 × 1,250 μL Taq Pro Multiplex DNA Polymerase (High sensitivity) (10 U/μL): 200 μL 1000 rxns: 2× Multiplex Buffer (High sensitivity): 12.50 mL Taq Pro Multiplex DNA Polymerase (High sensitivity) (10 U/μL): 1 mL Product Features: Multiplexing: capable of enriching hundreds of amplicons simμLtaneously Tolerance: highly resistant to inhibitors and impurities; compatible with whole blood and dried blood spot direct PCR Stability: maintains performance under pressure tests (4 °C, 37 °C storage, freeze—thaw cycles, long-distance transport) Compatibility: supports amplification of 25%–75% GC fragments, primers with varying Tm values, and target lengths from 50–3500 bp
Package	200/1000 rxns

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