



Creative Enzymes

Diagnostic Enzymes

EnzSmart MethyLight DNA Polymerase

Product Information

Cat#	ENZD-P06
Specification	200 rxns 500 rxns 2500 rxns
Applications	Tumor Methylation, Tumor Early Screening
Description	Optimized for methylation detection, with good tolerance to bisulfite and GC content compatibility. It has high amplification efficiency and strong specificity, suitable for single-gene quantification and precise detection.
Features	<ol style="list-style-type: none">1. Methylation-specific qPCR reagents: Suitable for methylation qPCR detection of bisulfite-converted DNA templates, resistant to bisulfite and U, with high success rate.2. Wide GC compatibility: Able to widely compatible with various systems with GC content ranging from 20% to 75%.3. Good sample adaptability: Suitable for common sample extraction and conversion products such as fecal extracts, exfoliated cells, blood, bronchoalveolar lavage fluid, plasmids, etc., for multi-cancer detection.4. High fluorescence value: Higher fluorescence platform value, better amplification linearity.5. High flexibility: Key components are packaged separately, allowing flexible adjustment of the system according to needs.
Quality Control	<ol style="list-style-type: none">1. Methylation-specific qPCR premix2. Wide GC compatibility3. Good sample adaptability
Components	5 × EnzSmart MethyLight Buffer (Mg ²⁺ free) dNTP Mix (10 mM each) EnzSmart MethyLight DNA Polymerase (5 U/μl) MgCl ₂ (100 mM)
Shipping and	Store at -30 ~ -15°C, transport at ≤0°C.

Tel: 1-631-562-8517 1-516-512-3133

Email: info@creative-enzymes.com

Fax: 1-631-938-8127

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**Storage
Conditions**

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