

PCR Master Mix(Fluorescent Probe Method)



Applications:
 This kit is used for the rapid setup of PCR reaction systems and is widely applied in fields such as molecular biology, clinical diagnostics, forensics, and agricultural testing.

Principle:
 This kit combines state-of-the-art buffer chemistry, PCR enhancers and stabilizers, an antibody-mediated hot-start polymerase, Mg²⁺, and dUTP. Furthermore, the formulation is optimized to deliver highly reproducible and precise results-performing exceptionally well even under rapid thermal cycling conditions-making it particularly suitable for multiplex assays.

- Method Advantages:**
- ①. Open detection platform: Compatible with various multi-channel real-time fluorescent PCR instruments.
 - ②. Rapid, efficient, and highly automated: Suitable for high-throughput, large-scale sample processing.

- Product Advantages:**
- ①. Stable performance: Consistent component ratios within batches and factory-level quality control minimize the risks associated with in-house preparation.
 - ②. Excellent reproducibility: Suitable for applications requiring long-term, high-volume, and standardized testing.
 - ③. Ease of use: Simplifies the pipetting process, reducing the risk of omissions or errors.
 - ④. Purchasing the PCR master mix includes complimentary primers/probes, as well as negative and positive controls for the corresponding assay.

Item No.	Model	Specification	Testing Items
DR1163	P1	48T/box; 96T/box	SFTSV Nucleic Acid Detection PCR Master Mix
	P2		CHIKV Nucleic Acid Detection PCR Master Mix
	P3		MPXV Nucleic Acid Detection PCR Master Mix
	P4		Chlamydia trachomatis (CT) Nucleic Acid Detection PCR Master Mix
	P5		Ureaplasma urealyticum (UU) Nucleic Acid Detection PCR Master Mix
	P6		Hepatitis B Virus (HBV) Nucleic Acid Detection PCR Master Mix
	P7		Mycobacterium tuberculosis (MTB) Detection PCR Master Mix
	P8		SARS-CoV-2 Nucleic Acid Detection PCR Master Mix
	P9		Hantavirus (HTNV) Nucleic Acid Detection PCR Master Mix

Specification	40 Kits/Carton or 80 Kits/Carton
Packing Size(W*D*H)	40 Kits/Carton: 500*400*300mm 80 Kits/Carton: 480*480*480mm
Gross Weight	40 Kits/Carton: 8kg 80 Kits/Carton: 16kg

Remark: Additional testing items are currently being developed, and testing services can be customized to meet specific customer requirements.