



**Creative Enzymes**

*Diagnostic Enzymes*

## Pathogen Multiplex PCR Mix for DNA

### Product Information

**Cat#** DIA-562

**Description** This multiplex PCR reagent is developed for pathogen detection and is designed for targeted amplicon library construction. By combining multiple hot-start technologies with carefully optimized buffers, it enables rapid and highly specific multiplex amplification. The reagent supports fast cycling protocols, allowing multiplex PCR to be completed in under 1.5 hours while efficiently enriching target regions. It is compatible with panels ranging from 20 to 1,000 targets, with GC content spanning 20%–85%. Raw materials are subject to stringent background microbial quality control to effectively minimize false-positive results and ensure reliable detection. Comprehensive quality control and functional validation ensure high stability and reproducibility of multiplex amplification.

**Storage** -30 – -15 °C

**Applications** Pathogen detection; environmental microorganism identification; food safety testing; scientific research (gene function studies).

### Product Overview

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