

## UltraClean Pathogen Multiplex PCR Mix for DNA&RNA

### Product Information

<b>Cat#</b>	DIA-563
<b>Description</b>	This multiplex PCR reagent is developed for combined DNA and RNA pathogen detection and is suitable for targeted amplicon library construction. It integrates multiple hot-start technologies with optimized buffer systems and is compatible with reverse transcription workflows, enabling rapid and highly specific multiplex amplification. The reagent supports panels ranging from 20 to 1,000 targets, with GC content between 20% and 85%. All raw materials undergo strict background microbial quality control to reduce false-positive amplification and ensure accurate detection. Extensive quality control and functional validation ensure robust performance, stability, and reproducibility across multiplex PCR reactions.
<b>Storage</b>	-30 °C to -15 °C
<b>Applications</b>	Pathogen detection; environmental microorganism identification; food safety testing; scientific research (gene function studies).
<b>Product Overview</b>	Compatible with reverse transcription systems: No purification required post-RT; direct multiplex amplification. Excellent amplification performance: High detection rate, specificity, and uniformity across panel sizes. Strict background control: Clean manufacturing, professional staff, detailed QC to minimize contaminant nucleic acids.
<b>Package</b>	24 rxns 2x Multi-PCR Mix: 120 µL