



**Creative Enzymes**

*Diagnostic Enzymes*

## rRNA Depletion Kit for Bacteria, Version II

### Product Information

<b>Cat#</b>	Kit-046
<b>Description</b>	<p>This kit is designed for rRNA removal from total RNA of Gram-positive and Gram-negative bacteria. Through probe hybridization, RNase H digestion, and DNase I treatment, rRNA species (16S and 23S rRNA) are removed, preserving mRNA and other non-coding RNAs.</p> <p>The kit is compatible with both intact and partially degraded RNA samples, including FFPE-derived RNA. The resulting RNA is suitable for mRNA and non-coding RNA (e.g., lncRNA) analysis.</p>
<b>Applications</b>	rRNA depletion from total RNA of Gram-positive and Gram-negative bacteria; mRNA and non-coding RNA analysis.
<b>Product Overview</b>	<p>Fast and powerful: Optimized system ensures high rRNA depletion efficiency while reducing workflow time to 1 hour.</p> <p>Wide applicability: Broader species coverage for diverse sample types.</p>
<b>Package</b>	<p>12 rxns</p> <p>rRNA Probe II (Bacteria): 24 µL</p> <p>Probe Buffer: 36 µL</p> <p>RNase H Buffer 2: 36 µL</p> <p>RNase H Mix: 24 µL</p> <p>DNase I Buffer: 348 µL</p> <p>DNase I: 12 µL</p> <p>Nuclease-free ddH<sub>2</sub>O: 500 µL</p>

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