

# New Pan-Prokaryote riboPOOLS

## Universal, Efficient Ribosomal RNA Depletion For Prokaryotes (Bacteria/Archaea)

Maximize RNA-Seq results with siTOOLS Biotech's new riboPOOLS for prokaryotes:

### Pan-Prokaryote riboPOOL (v2)

Wider species coverage for prokaryotes

**2X greater probe complexity!**

### Pan-Bacteria riboPOOL

Targets a wide range of bacteria

**Optimized rRNA coverage!**

### Pan-Archaea riboPOOL

Targets a wide range of archaea

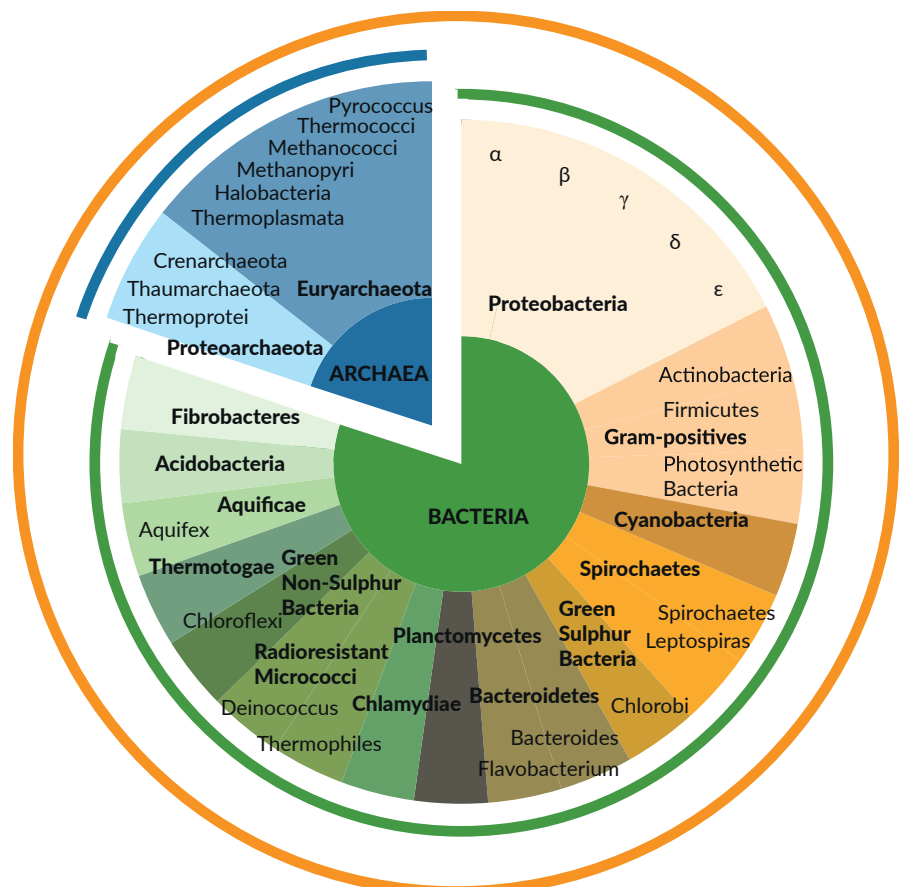
**Wider species range!**

## Improved Complexity & Design

With 2X greater probe complexity coupled with optimized 5S, 16S and 23S rRNA coverage, the new riboPOOLS for prokaryotes provide several key benefits:

- ✓ Improved rRNA depletion efficiency
- ✓ Broader species coverage
- ✓ Applicable for low quality total RNA samples
- ✓ Better performance for metatranscriptomics/microbiome sequencing
- ✓ Suited for mixed human-bacteria samples as Combination riboPOOL

## Species Coverage of Pan-Prokaryote (v2), Pan-Bacteria and Pan-Archaea riboPOOLS



### Species tested and validated by RNA-Seq

- ✓ *Acetobacterium woodii*
- ✓ *Acinetobacter baumannii*
- ✓ *Bacteroides thetaiotaomicron*
- ✓ *Bifidobacterium breve*
- ✓ *Burkholderia glumae*
- ✓ *Clostridium saccharoperbutylacetonicum*
- ✓ *Escherichia coli*
- ✓ *Fusobacterium nucleatum*
- ✓ *Hemophilus influenza*
- ✓ *Janthinobacterium sp.*
- ✓ *Moorella thermoacetica*
- ✓ *Pseudomonas aeruginosa*
- ✓ *Pseudomonas putida*
- ✓ *Salmonella typhimurium*
- ✓ *Sinorhizobium fredii*
- ✓ *Sporomusa ovata*
- ✓ *Staphylococcus aureus*
- ✓ *Streptococcus pneumoniae*
- ✓ *Streptococcus pyogenes*
- ✓ *Thermoanaerobacter kivui*

### Species RNA-Seq Validated with Pan-Prokaryote riboPOOL (v1)

Reported from various labs where % rRNA remaining ranges from ~1-35%. Efficiencies may vary across sample types and experimental conditions.

### Further information:

- For RNA inputs of 100 ng - 5 µg
- Compatible with various RNA clean-up methods
- Applicable with various RNA-Seq library preparation kits

#### • Available formats:

1. Probes alone with nuclease-free water	2 nmol (20 rx)	5 nmol (50 rx)	10 nmol (100 rx)	
2. Complete riboPOOL kits (includes buffers, streptavidin-magnetic beads, reaction tubes and ethanol precipitation reagents)	6 rx Trial (one-time purchase)	12 rx	24 rx	96 rx

Contact us or our [Distributors](#) for questions and orders.  
Quick order now on [webshop!](#)

### Contact Us