

riboPOOL

Affordable Ribosomal RNA Depletion for Any Species

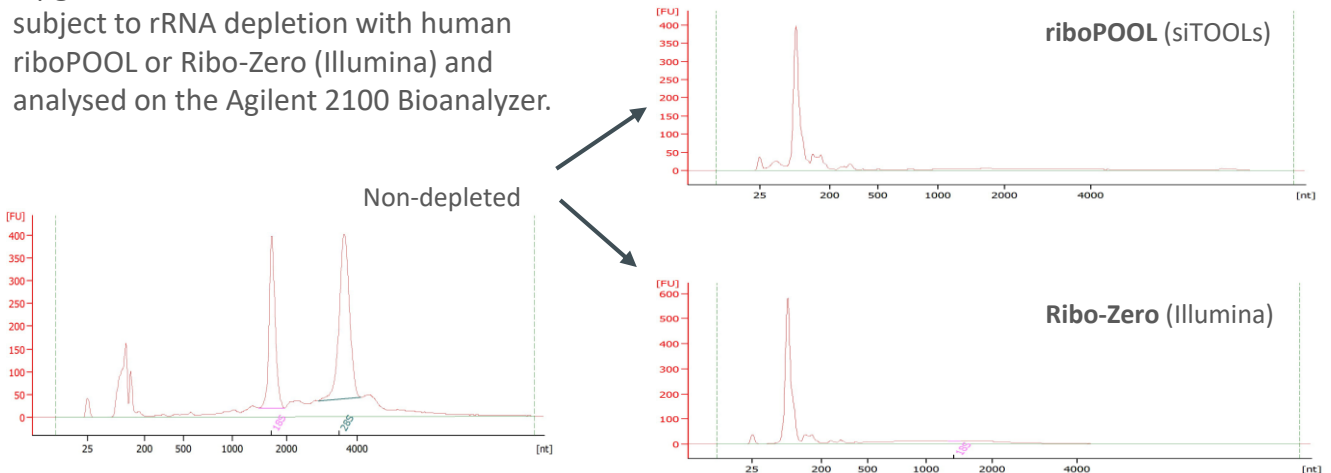
Ribosomal RNAs (rRNAs) are abundant in total RNA isolated from cells/tissues and must be removed to enable sensitive detection of scientifically relevant RNAs. Depletion of rRNAs, mostly carried out prior to Next Generation Sequencing, are costly to perform and are currently limited to well-studied species.

riboPOOLS offer **efficient, targeted** depletion of:

- ✓ **cytoplasmic (5S, 5.8S, 18S, 28S) and mitochondrial (12S and 16S) rRNAs**
 - ✓ **from any species**
 - ✓ **at low costs**
 - ✓ **and custom scales**
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- ✓ **Allows sensitive detection of polyadenylated and non-polyadenylated RNAs**
 - ✓ **Other RNAs to deplete?** *riboPOOLS can be made against other abundant RNAs (e.g. globin) for a one-time design and setup fee.*

Performance comparison between riboPOOL and Ribo-Zero

1 µg of total RNA from HeLa cells were subject to rRNA depletion with human riboPOOL or Ribo-Zero (Illumina) and analysed on the Agilent 2100 Bioanalyzer.



Bioanalyzer analysis revealed riboPOOL performed similarly if not better than Ribo-Zero to completely remove 18S/26S ribosomal peaks.

RNA-Seq data and full details to come in Dec '18!