

Your partner for early stage development

Small to Mid-scale oligo synthesis

With more than 14 years' experience manufacturing oligonucleotides, we have manufactured over 1 million oligos using almost every known chemistry and modification. RiboBio's production facilities accommodate small to middle scale oligonucleotide synthesis, with scales ranging from micrograms to multi-gram scales for:

- Research use
- Pre-clinical use
- Diagnostic use
- Therapeutic use

RiboBio is dedicated to quality:

- Audited and Validated raw materials supply.
- ICH Q8, Q9, Q10, FDA Title 21 Part 10 and CFDA compliant.
- GMP production certificate issued by the CFDA.
- Strict quality control, Quality assurance, and regulatory.
- Fully documented synthesis and down-stream procedures.
- Fast delivery worldwide.
- ISO 9001 & ISO 13485 certified.



RiboBio is dedicated to manufacturing high quality DNA and RNA oligos for screening, target discovery, diagnostics oligo drug discovery and other applications.

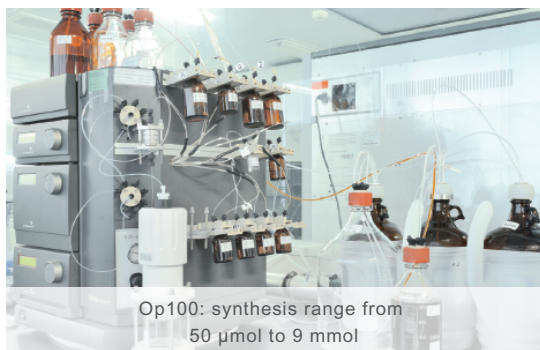
Small scale synthesis platform



Small to Middle-scale production

RiboBio's capabilities include benchtop and high-throughput synthesizers for making hundreds of oligos for screening and cell based studies. ÄKTA OP10s & 100s for gram to multiple gram scales and ÄKTA OP 400s for up to hundreds gram scales.

Middle scale synthesis platform



Op100: synthesis range from 50 μ mol to 9 mmol



ÄKTA purifier: Purification of milligram to gram quantities of oligo

Ribobio's capability for manufacturing oligos with a variety of structure forms



- siRNA
- miRNA
- antisense
- aptamer
- decoy
- probe
- gapmer
- very long DNA and RNA

Modifications

- sugar modifications, e.g. 2'-F, 2'-O-Me, 2'-O-MOE, LNA, etc.
- 5' to 3' or 3' to 5' synthesis.
- backbone modifications – thiolation.
- Base modifications – m6A.
- 5' Modification – Amino, Thiol, Biotin, Cholesterol, dyes, GalNAc, peptide, PEG, etc.
- 3' Modification – Dyes, Cholesterol, Inverted dT, GalNAc, etc.

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