



ZYMO RESEARCH

The Beauty of Science is to Make Things Simple®

EMPOWERING YOUR INNOVATION

YOUR PARTNER
IN CUSTOM AND
OEM SOLUTIONS





Contents

| | |
|---|--------|
| Manufacturing Capabilities & Certifications | Page 2 |
| Sample Collection, Preservation, and Transport | Page 3 |
| Nucleic Acid Extraction & Purification | Page 4 |
| NGS Prep Solutions | Page 5 |
| NGS Services | Page 6 |
| Automation | Page 7 |
| Extended Capabilities | Page 8 |
| Why Partner with Zymo Research | Page 9 |

INNOVATING FOR OVER 30 YEARS

Innovated in California

Made in the USA

Reliable Supply

For over three decades, Zymo Research, a Southern California Company, has been at the forefront of scientific innovation, delivering high-quality, customized, OEM, and private label solutions to our partners worldwide. We are committed to excellence, offering cutting-edge technologies designed to meet the evolving needs of the life science, biotech, and diagnostic industries.



MANUFACTURING CAPABILITIES & CERTIFICATIONS

All Under One Roof

Full Confidentiality

Stable Supply Chain

1 Flexible, Reliable
end-to-end sourcing
& manufacturing

2 Exceptional
scientist-to-
scientist support

3 Established process
controls and Quality
Certifications

CORE COMPETENCES

- Private Label and OEM Supply
- Collaboration & Co-Development
- Custom formulation and filling
- Bulk provision of raw materials
- Product design, labeling, and packaging
- Plastic design and injection molding
- Customized bioinformatics and reporting

CORE TECHNOLOGIES

- Sample Collection & Preservation
- DNA & RNA Purification
- NGS Library Prep
- NGS Services & Bioinformatics
- Automation

AVAILABLE

ISO:9001

ISO:13485

cGMP

FDA Registered Site



SAMPLE COLLECTION, PRESERVATION AND TRANSPORT

[Learn more](#)



CUSTOM FORMULATIONS & FILLING

Reagent production and filling (at any volume) OEM provider of DNA/RNA Shield™ preservation solution

LABELING SOLUTIONS

Custom labeling tailored to meet specific branding and regulatory needs

BARCODING

Unique barcoding available for precise sample tracking and accessioning

PACKAGING + KITTING

Customized, flexible kitting options

PLASTICS

Expertise in injection-molded plastic manufacturing of existing or user designed plastics and column devices

SAMPLE COLLECTION

DNA/RNA EXTRACTION & PURIFICATION

[Learn more](#)



DNA/RNA PURIFICATION

REAGENTS & CUSTOM VOLUMES

Zymo Research offers ready-to-use reagents for nucleic acid extraction and purification. Custom reagent fills and solutions can be designed for your workflow, sample type, and sample size.

BULK FORMATS

Zymo Research offers flexibility with kit component volumes tailored to accommodate scalability, whether you're conducting small-scale experiments or large-scale, high-throughput operations.

SPECIALTY ENZYMES

In-house manufacturing of specialty enzymes to support a wide range of applications, including amplification, modification, and sequencing. Contract manufacturing available. Providing recombinant forms of DNase I, RNase A, Proteinase K, etc.

BINDING COLUMNS & MAGNETIC BEADS

Unique, high-performance columns and magnetic beads deliver fast, efficient, and scalable purification of DNA and/or RNA. Innovative formats provide flexibility, allowing for easy automation and customization to suit any laboratory setup.



NGS PREP SOLUTIONS

[Learn more](#)



Trademarks are the property of their representative owners.

PLATFORM COMPATIBILITY

Technologies can be applied to a wide range of sequencing platforms, including Illumina®, PacBio®, Element®, Singular Genomics®, and Oxford Nanopore®.

HIGH THROUGHPUT PLATE FORMAT

Available in convenient pre-plated Load-N-Go™, 96- and 384-well formats for large-scale sequencing projects.

STANDARDS & REFERENCE MATERIALS

Zymo Research provides epigenetic, microbiome, and custom standards to validate the robustness and accuracy of your NGS workflows.

FULLY AUTOMATED

Library prep solutions that are fully automatable, reducing hands-on time.

NGS SERVICES

[Learn more](#)



NGS SERVICES

SAMPLE PREP

Streamlined nucleic acid extraction and library prep services available.

SERVICES

Specialized services for short- and long-read analysis for genomic, transcriptomic (total RNA, miRNA), epigenetic (WGBS, RRBS), and microbiome-based (16S, ITS, Shotgun) applications.

BIOINFORMATICS & DATA REPORTING

Flexible bioinformatics and data reporting to provide actionable insights aligned with your specific needs.

TAILOR-MADE PCR & ASSAY DEVELOPMENT

Custom assay development services.



AUTOMATION

[Learn more](#)



AUTOMATION



Trademarks are the property of their representative owners.

CONSULTATIONS & TAILOR-MADE SOLUTIONS

Zymo Research's experts provide complimentary consultations to help create the best automation strategies for your molecular workflows.

EVALUATIONS

Test solutions with free product evaluations and expert advice on challenging sample processing.

IMPLEMENTATIONS

Our automation specialists develop and deploy scripts for successful workflow implementation, virtually or onsite.

SCRIPTS

Ready-to-use and customized automation scripts are available for all major liquid handlers and magnetic bead movers, ensuring smooth integration.

AUTOMATE ON ANY PLATFORM

Our solutions are compatible with any major liquid handling or magnetic bead-moving system including Hamilton®, Tecan®, Opentrons®, KingFisher® and more, offering flexibility for your lab.

EXTENDED CAPABILITIES

Zymo Research extends its expertise through its key strategic partners, providing additional capabilities in diagnostics, custom manufacturing, and direct-to-consumer markets. These strategic alliances enhance our ability to deliver high-quality, regulatory-compliant solutions to the research, clinical, and commercial sectors.

MARKETS SERVED

- Direct-to-Consumer (DTC)
- Diagnostics / IVD
- Biotechnology
- CRO & CDMO
- Government & Defense
- Veterinary
- Agriculture
- Therapeutics
- Food & Beverage
- Health, Beauty & Wellness
- ...and more!

DIAGNOSTICS

A CAP/CLIA-certified diagnostic testing facility, Pangea Laboratory LLC, supports health solutions and personalized medicine. They offer high-quality molecular diagnostics, ensuring accuracy, reliability, and regulatory compliance.

CONTRACT + MEDICAL DEVICE MANUFACTURING

Maintaining ISO 13485-certified facilities, Blue Life Solutions LLC, is a contract manufacturer providing precision cGMP manufacturing.

DIRECT-TO-CONSUMER

Zymo Research maintains multiple relationships to facilitate entry into the direct-to-consumer molecular testing market involving sample collection kits, logistics, and data reporting. Commercialize with confidence!

OUR COLLABORATIVE APPROACH TO YOUR CUSTOM SOLUTION

STEP 1 | UNDERSTAND YOUR NEEDS

Our experts start with a conversation to understand your application, goals, and criteria for success.

STEP 2 | DESIGN, TEST, PERFECT

Together we prototype and fine-tune your solution until you are 100% satisfied.

STEP 3 | MANUFACTURE & DELIVER WITH CONFIDENCE

Once approved, we are ready to scale and deliver according to your timelines.

STEP 4 | ONGOING SUPPORT

We're committed to your long-term success. We provide ongoing technical and product support and adapt as your needs grow and change.

WHY PARTNER WITH ZYMO RESEARCH



COMMITMENT TO SUSTAINABILITY

Zymo Research is engineering sustainable solutions in the biomedical and biotechnology world. We are committed to making fundamental changes to eliminate cold-chain logistics for biological sample transportation globally, one of the most environmentally contaminating practices in the industry.

"Through scientific innovation, we aim to reduce environmental waste and create a more sustainable future."

-Dr. Larry Jia, CEO & Founder of Zymo Research



B1016-03

Contact us today and bring
your innovations to market

(888) 882-9682

www.zymoresearch.com

busdev@zymoresearch.com