



PRODUCT & SERVICE CATALOG

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BUSINESS OVERVIEW

RESEARCH TECHNOS operates as a specialized life sciences and biotechnology partner, catering to educational, medical, research, and diagnostic laboratories. The company bridges the gap between scientific advancement and laboratory capability by supplying high-grade reagents, precision equipment, consumable labware, and technical services.

CORE OFFERINGS & SERVICE CAPABILITIES

1. Molecular Diagnostics & Genetics

DNA Extraction Services & Solutions

- Standardized manual & automated extraction protocols for high-purity yield (blood, tissue, plant, soil, microbes).
- Silica-column based, magnetic bead-based, and organic extraction kit systems.

Genotyping & Genetic Analysis

- End-to-end support for SNP genotyping, SSR/STR marker analysis, and target sequencing services.
- Applications in agricultural biotechnology, clinical diagnostics, and academic research.

2. Laboratory Equipment & Instruments

Analytical & Molecular Instruments

- Thermal Cyclers:** Standard PCR & Real-Time qPCR units.
- Electrophoresis & Imaging:** Gel units, power supplies, transilluminators.
- Spectrophotometers:** NanoDrop microvolume & UV-Vis.
- Centrifuges:** Microcentrifuges, high-speed & refrigerated models.

General Lab Machinery

- Autoclaves, Biosafety Cabinets, Laminar Flow Hoods, Incubators, ULT Freezers (-86°C), and liquid handling systems.

3. Lab Reagents & Chemical Supplies

Molecular Biology Reagents

- High-fidelity Taq polymerases, 2X master mixes, dNTPs, DNA/RNA ladders, restriction enzymes, and buffer solutions.

General & Specialty Chemicals

- Analytical-grade (AR) solvents, nucleic acid stains, indicators, and cell culture media tailored for research and clinical compliance.

4. Laboratory Ware & Consumables

Plasticware & Liquid Handling

- Filter/non-filter micropipette tips, PCR tubes/strips/plates, microcentrifuge tubes (Eppendorf style), and serological pipettes.

Glassware & Safety Gear

- Beakers, Erlenmeyer flasks, volumetric flasks, graduated cylinders, Nitrile gloves, lab coats, and safety goggles.

PRIMARY TARGET CLIENT SEGMENTS

CLIENT CATEGORY	TYPICAL NEEDS & REQUIREMENTS
Academic & University Labs	Molecular reagents, general labware, equipment for teaching and student research projects.
Agricultural Research Institutes	Plant/animal DNA extraction, high-throughput genotyping, plant pathology reagents.
Clinical & Diagnostic Centers	High-purity diagnostic extraction kits, qPCR reagents, sterile medical labware.
Pharmaceutical & Biotech Firms	Quality control instrumentation, batch extraction services, analytical-grade chemicals.

PARTNER WITH RESEARCH TECHNOS TODAY

For inquiries, quotations, or technical service consultation, contact your dedicated life sciences representative.

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