# DhiShi

# Center for **Health Research.**

Customer HandBook

## Why Healthcare Research?

The focus on healthcare research stems from the growing demand for innovative solutions to make the research process smoother. We deeply work on bringing real-time solutions PAN-INDIA to improve the research outcomes. DhiShi recognizes the critical role research plays in improving the quality of life and ensuring equitable access to advanced healthcare.



# We Love Science as You Do.



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Center for **Health Research.** 



#### About

#### Center for Health Research (CHR) at DhiShi Scientific Private Limited

is a hub of innovation and collaboration dedicated to advancing healthcare research. With a focus on addressing critical health challenges and contributing to the broader scientific community, CHR operates through its two brands, FrontLabs and ScienceBy, to deliver impactful solutions covering all health research including clinical, pharmaceutical, veterinary, herbal, marine and related domains.

CHR's mission is rooted in a commitment to quality, reliability, and scientific integrity. By combining state-of-the-art technologies with deep expertise, the center ensures that its contributions to healthcare research are both innovative and practical.

Through its collaborative and resourceful approach, the Center for Health Research at DhiShi Scientific

Private Limited stands as a beacon of progress in the pursuit of better health outcomes for individuals

and communities worldwide.

hishi.com /
pharmscape.org /
frontlabs.in /
scienceby.com /
medxury.com /
foliabs.in /
Guindy, Chennai, Tamil Nadu-600032

#### Vision and Mission

VISION is to be a leading hub for transformative healthcare research, driving innovative solutions that enhance the research ecosystem and contribute to equitable access to advanced healthcare across India.



At DhiShi's Center for Health Research, we are committed to empowering researchers with state-of-the-art tools, expertise, and real-time solutions. By boosting collaboration and delivering high-quality laboratory and research services, we aim to streamline the research process, improve outcomes, and advance healthcare innovation for a healthier and more equitable future.

The Center for Health Research at DhiShi is an innovative and interdisciplinary hub. Situated at the forefront of healthcare innovation, the Center bridges the gap between academia, industry, and healthcare practice, boosting impactful collaborations and delivering solutions that address pressing global health challenges.

#### We work with

#### **INDIVIDUALS**

- Academic Students
- Basic Science Researchers
- Biomedical and Biotechnological Experts
   (Biotechnologists, Biomedical Engineers)
- Clinical Professionals (Clinical Pharmacists, Clinical Researchers, Clinicians)
- Specialized Researchers (Geneticists, Immunologists, Oncologists, Pathologists)
- Pharmacology and Pharmaceutical Experts (Pharmacologists, Pharmaceutical Researchers)
- Herbal and Veterinary Researchers
- Public Health and Translational Researchers
- Scientists

#### RESEARCH CENTERS

- Academic Medical Centers (AMCs)
- Specialized Disease Research Centers
- Independent Research Institutes
- Hospital-Based Centers
- Clinical Research Organizations & SMOs
- Pharmaceutical Research Centers
- Biotech Research Centers
- International Research Centers

#### **INSTITUTIONS/UNI**

- Healthcare Institutions
- Research Institutions
- Others

#### **ORGANIZATIONS**

- Government Research Institutes
- NGOs
- Public Funding Organization



#### Research Hub

With a commitment to advancing scientific innovation and discovery, we offer world-class facilities and in-house research services tailored to meet the needs of researchers across diverse disciplines.

#### KEY FEATURES

- *End-to-End Research Support:* From conceptualizing research ideas to publishing results, we provide holistic assistance for every stage of research. This includes study design, data collection, analysis, and manuscript preparation.
- Pre-Clinical to Clinical Services: We specialize in both pre-clinical animal studies and clinical trials, ensuring a seamless transition from laboratory research to real-world applications.
- State-of-the-Art Facilities: Equipped with cutting-edge technology and instrumentation, our facilities support a wide range of research activities, including molecular biology, pharmacology, toxicology, and advanced imaging techniques.
- Customizable Research Solutions: Institutions can leverage our flexible research models to accommodate specific requirements, including collaborative projects, contract research, and training programs for students and faculty.
- Regulatory Compliance: All our studies adhere to national and international guidelines, including GLP (Good Laboratory Practice) and GCP (Good Clinical Practice), ensuring the highest standards of ethics and quality.
- Experienced Scientific Team: Our multidisciplinary team of experts brings extensive experience in various fields, including biotechnology, pharmacology, toxicology, and clinical research.
- Pre-Clinical Animal Studies:
  - Expertise in small and large animal models.
  - Pharmacokinetic (PK) and pharmacodynamic (PD) studies.
  - Toxicity testing and efficacy evaluations.
  - Behavioral and genetic studies.
- Clinical Trials:
  - Phase I to IV clinical trials.
  - Patient recruitment and site management.
  - Data monitoring and analysis.
  - Post-marketing surveillance studies.
- Training and Capacity Building: We offer workshops, seminars, and hands-on training programs to equip students and researchers with the latest techniques and methodologies in health and biomedical sciences.
- Collaboration Opportunities: Partner with CHR for joint research initiatives, grant applications, and industry-academia collaborations to accelerate translational research and innovation.
- Sustainability and Impact: CHR is committed to sustainable research practices, minimizing environmental impact, and focusing on studies that address global health challenges.



FrontLabs helps you complete your academic and clinical research projects much faster. It offers you an extensive portfolio of domestic and international research products from over 40 brands and with complete sample analysis.

50K+ 130+ 70+

Products Projects

Research Institutions

Years of Excellence

#### **SUMMARY**



#### **Products**

We deliver all premium domestic and international brands to bring you the best research products ensuring the highest quality and accurate results every time.

- Research Kits
- Diagnostic Products
- Chemical and Reagents



#### **Laboratory Services**

Experience precision results with our comprehensive laboratory services from blood evaluation, DNA Sequencing to Pharmaceutical Analysis!

- Clinical Tests
- Research Tests
- Customized Tests



#### Research Consultation

Tap into our expertise for tailored research consultation, insightful discussion, and customized solutions to your research challenges. We kept everything online.

- Renowned Scientists
- Appointment Based
- One-to-One

#### **Brands**

We represent over 50+ International Brands for our research products.

#### Our Strength

112 111

From *ICMR* to Independent Researchers, we have touched brilliant minds.

#### Why FrontLabs?

Our services are PAN India. serving you!

#### Service

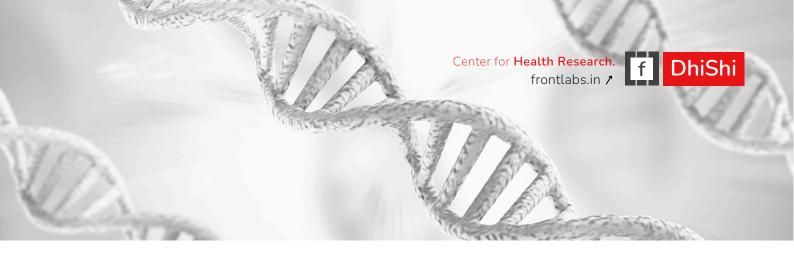
Our team of experts assures you that you're 100% on track with us throughout.

# PRODUCTS

(Sample Categories Only Mentioned. We Cover Complete Research Products PAN-INDIA)







#### PRODUCT CATEGORIES

#### Humans

- Antibodies
- Immunoglobulins
- Blood Collection Tubes
- Diagnostic Kits
- Hormones
- Enzyme Inhibitors
- ONA/RNA Extraction Kits
- Protein Assays
- Cytokines
- Gene Therapy Products
- Human Microbiome Samples
- Human Stem Cells
- Human Plasma/Serum
- Recombinant Proteins
- ✓ Cell Signaling Reagents
- Human Disease Models
- Clinical Diagnostics Reagents
- Metabolomics Reagents
- Human Gene Editing Tools

#### Animals

- Animal Antibodies
- ✓ Veterinary Diagnostic Kits
- Animal Hormones
- Animal Cell Lines
- ✓ Veterinary Pharmaceuticals
- Animal Genetic Reagents
- Vaccines for Animals
- Animal Tissues & Samples
- ✓ Veterinary Enzyme Inhibitors
- Animal Proteins
- ✓ In Vivo Research Tools
- Animal Research Models
- ✓ Veterinary Specimens & Samples
- Animal Stem Cells
- Veterinary Assays

#### Plants

- Plant Antibodies
- Plant Hormones & Growth Regulators
- Plant DNA/RNA Extraction Kits
- Phytochemicals
- Plant Disease Models
- Plant Metabolomics Reagents
- Agricultural Genetic Reagents
- Herbicide Resistance Testing Kits
- Plant Cell Lines
- Phytopathology Reagents
- Plant Stress Indicators
- Botanical Extracts
- Essential Oils & Plant Derivatives

#### Labwares

- Glassware (Beakers, Flasks, Test Tubes)
- Culture Plates & Dishes
- Petri Dishes
- Pipettes and Tips
- Centrifuge Tubes
- Microplates
- PCR Tubes and Plates
- Lab Refrigerators and Freezers
- Autoclaves
- Stirring and Mixing Equipment

- Fume Hoods
- Lab Ovens and Incubators
- Vials and Containers
- Cryogenic Storage Tubes
- Lab Filtration Devices
- Burettes and Titration Equipment
- Microcentrifuge Tubes
- Lab Scales and Balances
- Lab Gloves and Safety Gear
- Laboratory Consumables

# LABORATORY ANALYSIS

(Sample Categories Only Mentioned. We Cover Complete Research Analysis PAN-INDIA)







#### LABORATORY ANALYSIS | Research and Clinical Samples.

#### Clinical and Therapeutics

- Blood Chemistry Analysis
- Complete Blood Count (CBC)
- Urinalysis
- Lipid Profile
- Liver Function Test
- Renal Function Test
- Kidney Function Test
- Coagulation Profile
- Cardiac Biomarkers
- Diabetes Monitoring (Glucose Levels, HbA1c)
- Inflammatory Markers (CRP, ESR)

- Diagnostic Imaging (X-rays, MRI, CT scans)
- Autoimmune Disease Testing (ANA, Rheumatoid Factor)
- Allergy Testing (IgE, Patch Testing)
- Infectious Disease Testing (HIV, Hepatitis)
- Microbiological Culture Testing
- Tuberculosis (TB) Testing
- Arterial Blood Gas (ABG) Analysis
- Prostate-Specific Antigen (PSA) Test
- Pregnancy Testing (hCG Levels)
- ✓ Urinary Tract Infection (UTI) Testing

#### Pharmaceutical

- Drug Sensitivity Testing
- Pharmacokinetics Studies
- Bioequivalence Testing
- Stability Testing of Pharmaceuticals
- Dissolution Testing
- API (Active Pharmaceutical Ingredient) Purity Testing
- Impurity Profiling
- Solubility Studies
- Dissolution Profile Analysis
- Pharmacodynamics Studies
- Toxicity Testing (Acute, Subacute, Chronic)
- ✓ Vaccine Efficacy Testing
- In-vitro Cell Culture Assays
- Bioavailability Testing
- Therapeutic Drug Monitoring
- Nanoparticle Drug Testing
- Controlled Release Testing
- Combination Drug Testing
- Immunogenicity Testing
- Clinical Trial Phase Testing
- Bioinformatics for Drug Development
- Cell Viability Testing
- Blood-Brain Barrier Penetration Studies
- Blood Coagulation Assays (for anticoagulant drugs)



#### LABORATORY ANALYSIS | Complete Clinical and Research Specific Samples.

#### Genetics and Bioinformatics

- Whole Genome Sequencing
- PCR (Polymerase Chain Reaction) Testing
- DNA Methylation Analysis
- RNA Sequencing
- Genetic Mutations Testing (BRCA1, BRCA2)
- Microarray Analysis
- ✓ Genetic Screening for Inherited Disorders
- SNP (Single Nucleotide Polymorphism) Profiling
- HLA Typing
- Epigenetic Analysis
- Gene Expression Profiling
- Chromosomal Aberrations Testing
- **⊘** Genetic Testing for Drug Response (Pharmacogenomics)
- Mitochondrial DNA Analysis
- ✓ Telomere Length Analysis
- Genomic Data Mining for Disease Association
- Gene Editing Studies (CRISPR)
- Allele Frequency Analysis
- Gene Dosage Testing
- ✓ Variant Annotation and Interpretation
- Genome-Wide Association Studies (GWAS)
- Bioinformatics Software for Data Analysis
- Structural Variation Detection
- Protein Interaction Mapping
- Computational Modeling of Genetic Disorders

#### Veterinary, Herbal and Marine

- Fecal Parasite Examination (Veterinary)
- Bacterial Culture and Sensitivity (Veterinary)
- PCR for Infectious Diseases (Veterinary)
- Heartworm Testing (Veterinary)
- Flea and Tick Testing (Veterinary)
- Liver Enzyme Testing (Veterinary)
- Canine Parvovirus Detection
- Feline Leukemia Virus (FeLV) Testing
- Rabies Serology Testing
- Canine Distemper Virus Testing
- Antibiotic Resistance Testing in Animals
- ✓ Urine Protein Creatinine Ratio (Veterinary)
- Marine Species DNA Barcoding
- Fish Pathogen Testing (Marine)
- Seaweed and Algae Toxicity Testing
- Herbal Phytochemical Profiling
- Herbal Toxicity Screening
- Antioxidant Capacity Testing of Herbal Extracts
- Antimicrobial Activity of Herbal Compounds
- Heavy Metal Contamination in Herbal Products
- Veterinary Ultrasound and Imaging
- Marine Aquaculture Water Quality Testing
- Aquatic Toxicology Studies
- ✓ Herbal Bioavailability Testing
- ( Marine and Herbal Antibiotic Resistance Testing



#### PRE-CLINICAL RESEARCH

#### Pharmacokinetics (PK) Studies

Testing the absorption, distribution, metabolism, and excretion (ADME) of a drug.

#### **Toxicity Testing**

Acute, subacute, and chronic toxicity studies to evaluate potential harmful effects.

#### In-vitro Cell Culture Assays

Testing the effects of substances on cultured cells before animal studies.

#### **Dermal Toxicity Testing**

Testing the effects of substances on skin, including irritation and sensitization.

#### Reproductive and Developmental Toxicity

Assessing the effects of a drug on fertility, pregnancy, and offspring.

#### Non-GLP Safety Testing

Early-stage testing not governed by strict GLP standards, often for exploratory purposes.

#### Pharmacodynamics (PD) Studies

Investigating the biological effects and mechanisms of action of a drug.

#### **Dose-Response Studies**

Analyzing the relationship between drug dose and therapeutic response.

#### **Drug Stability Testing**

Determining how the chemical composition of a drug changes over time under various conditions.

#### Genotoxicity Testing

Assessing potential DNA damage and mutagenic effects of a compound.

#### Carcinogenicity Testing

Long-term studies to assess the potential of a substance to cause cancer.

#### Immunotoxicity Testing

Evaluating how a substance may affect the immune system.



#### PRE-CLINICAL RESEARCH

#### In-vivo Pharmacology Studies

Conducting animal studies to evaluate drug efficacy, side effects, and potential therapeutic applications.

#### Pre-clinical Toxicokinetics (TK)

Determining the pharmacokinetics of a substance in animal models.

#### Biomarker Discovery and Validation

Identifying and validating biomarkers for early detection or monitoring of diseases.

#### Animal Model Development

Creating and characterizing animal models of disease to test therapies.

#### **Immunology Studies**

Assessing the immune response to drugs or therapies, including vaccination and immune checkpoint modulation.

#### Pre-clinical Data Management

Organizing and analyzing data from pre-clinical trials to ensure its validity.

#### Microbial Testing

Assessing the antimicrobial properties and resistance of drugs, especially antibiotics.

#### Metabolism Studies

Identifying how a drug is metabolized by the body using animal models.

#### Bioanalytical Testing

Analyzing drug compounds in biological matrices like blood or urine.

#### In-vitro ADMET Testing

Testing a drug's absorption, distribution, metabolism, excretion, and toxicity properties.

#### Cytotoxicity Assays

Determining the potential of a drug to kill or damage cells.

#### Formulation Development

Developing the drug's formulation, including oral, injectable, or other delivery methods.

#### Why Stood Tall?

- ✓ ISO 9001:2015 Certified Company
- Government Registered
- 99% Supply of Products PAN India
- Precise Laboratory Testing Service PAN India

- Safety & Standard in our Products
- Continous Monitoring & Quality Control
- Privacy of Client Data is highly maintained
- Standard Documentation & Quick Report Delivery

More Accessible & Affordable in 5 easy steps.



#### Know About FrontLabs 7

Welcome to FrontLabs! Explore our cutting-edge platform designed to streamline your research. Browse our services and products - If you don't find what you need, we'll source it to ensure your project runs smoothly.

#### 3 Get Quote and Place your Order ↗

Once the service or product is confirmed, you'll receive the best quotation. After completing 100% payment, your order will be placed, and a confirmation email will be sent.

#### Work **Done** & **Project Closure** ↗

Your project is completed with precision and delivered to you on time. With all requirements fulfilled, we ensure a smooth closure of the project.

#### 2 Submit Your Inquiry 🗷

Time for your first look! We'll review your needs and contact you via email within 24 hours. Your cooperation is appreciated until the final quote is prepared.

#### 4 You Deserve Expert Advise ↗

For laboratory orders, we'll start with a 30+ minute 1:1 to discuss project aims, strategy, timelines, and preferred communication methods.

You're One Step Away!

#### **OFFICIAL** INQUIRY

Drop a mail to chr@dhishi.com ↗

#### PRODUCTS INQUIRY

Drop a mail to products@frontlabs.in /

#### **SAMPLES INQUIRY**

Drop a mail to samples@frontlabs.in 🗷



ScienceBy streamlines your scientific writing and supports publication in leading journals. From protocol development to creating comprehensive regulatory documents, we handle all aspects of your research needs.

25 +

120+

100%

Medical Writers Projects Completed Publication Support

Years of Excellence

#### **SUMMARY**



Scientific Writing



**Publication** 



**Regulatory Docs** 



Healthcare Resources

ScienceBy offers professional scientific writing and publication services to support researchers in preparing high-quality manuscripts, research papers, scientific contents, and healthcare resources. Our team ensures clarity, precision, and adherence to standard guidelines, helping researchers effectively communicate their findings and achieve successful outcomes.

### We Strongly Look Into

Your Research Ethics.

DhiShi's rigorous ethical scrutiny ensures research integrity, fostering trust in scientific discourse. Prioritizing ethical considerations safeguards against potential harm and upholds professional standards in scholarly publishing.

We'd like to ask you to submit the ethical letter for all ORIGINAL RESEARCH while placing the order for any services.

# Ethics. Integrity. Trust.

#### Scientific Writing

- Clinical Trial Documents Study protocols, investigator brochures & clinical study reports.
- Thesis and Dissertation Writing Comprehensive support for academic research projects.
- Manuscript Preparation Crafting high-quality papers for journal publication
- 4 Protocol Development Detailed and precise study protocols for research and trials.
- Regulatory Submissions Preparing documents for regulatory bodies like the FDA and EMA.
- 6 Grant Proposals Persuasive and detailed proposals for securing research funding.
- Systematic Reviews and Meta-Analyses In-depth analysis and synthesis of existing research.
- Case Reports Detailed documentation of unique clinical cases.
- O Conference Abstracts and Posters Effective presentation of research findings at conferences.
- Standard Operating Procedures (SOPs) Development of detailed guidelines for laboratory and research processes.

#### Publication

- Journal Selection Assistance
- Manuscript Formatting
- Peer-Review Response Assistance
- Pre-Submission Editing
- Journal Submission Support
- 100% Publication with our partner Journals.



#### Regulatory Documents

- Regulatory Support: Assistance with regulatory document creation for compliance with national and international standards.
- Oossier Preparation: Development of dossiers for clinical trials, product registrations, and submissions.
- 3 Documentation Review: Quality check and review of existing regulatory documents.
- 4 Customized Solutions: Tailored document preparation to meet specific industry or research needs.
- Expert Guidance: Professional support from experts in regulatory requirements and documentation.

#### Healthcare Resources

- **E-booklets:** Digital guides on specific health topics, diseases, or wellness practices.
- **Brochures:** Concise, visually appealing printed or digital pamphlets with health information.
- 3 Infographics: Visual representations of complex health data or tips for easy understanding.
- Newsletters: Regular updates featuring health tips, research highlights, and industry news.
- Webinars: Live or recorded sessions with experts discussing healthcare topics.
- Patient Education Videos: Short, engaging videos explaining medical conditions or treatments.
- Posters: Visual displays for clinics or events, emphasizing health awareness campaigns.
- **3** Checklists and Workbooks: Interactive tools for patients or healthcare providers to track health goals or workflows.
- Social Media Content: Curated posts, stories, or reels for health awareness and engagement.
- Podcasts: Audio content on health topics, featuring expert interviews and discussions.















At ScienceBy, we believe in turning challenges into breakthroughs and ideas into innovations. As pioneers in health research and diagnostics, we empower scientists and researchers with cutting-edge analysis, expert consultation, and world-class regulatory support.

"Innovation is the heartbeat of progress," and we thrive on delivering precision, reliability, and excellence in every service. From unraveling the mysteries of human, animal, and herbal research to ensuring seamless regulatory compliance, ScienceBy is where science meets solution.

"Science isn't just what we do; it's who we are."

Join us in shaping a healthier, smarter tomorrow.

More Accessible & Affordable in 5 easy steps.

#### 1 Know About ScienceBy ↗

Welcome to ScienceBy! Explore our cutting-edge platform designed to streamline your research. Browse our services and products - If you don't find what you need, we'll source it to ensure your project runs smoothly.

#### 3 Get Personalized Quote and Place your Order 🖊

Receive a customized quote tailored to your project's requirements. We don't believe in one-size-fits-all pricing; every project is evaluated individually to ensure fairness and transparency.

#### Work Done & Project Closure 🖊

Your project is completed with precision and delivered to you on time. With all requirements fulfilled, we ensure a smooth closure of the project.

#### Submit Your Inquiry

Provide your research documents for an in-depth peer review process. Our experts will meticulously assess your work to ensure it meets the highest scientific standards. Your cooperation is appreciated until the final quote is prepared.

#### 4 Experience the Fully Automated Workflow ↗

Sit back and relax as our automated workflow streamlines your project from start to finish. From document preparation to submission, our team ensures a seamless experience.



#### **OFFICIAL** INQUIRY

Drop a mail to chr@dhishi.com ↗

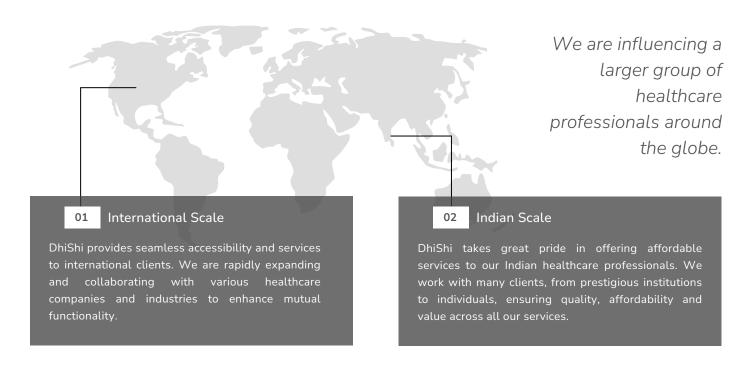
#### ADMIN INQUIRY

Drop a mail to admin@scienceby.com ↗

#### **ORDERS** INQUIRY

Drop a mail to write@scienceby.com ↗

#### DhiShi



#### At a glance

We Love Science. You know what we take it even seriously.

Visit | Explore | Experience.

#### We are Recognized

Don't run into several ventures for every step of your research. Just drop an email and relax while we take care of the entire process.

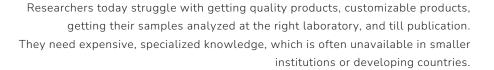


4.5 L +
Audience at DhiSh



99 + Employees

#### **CHALLENGES**



#### **SOLUTIONS**



DhiShi provides access to high-quality, customizable research products and services, enabling researchers to get their samples analyzed at top laboratories. They offer personalized and expert knowledge, making advanced research resources accessible anytime. Most importantly, under one wing.



Every discovery starts with a question and we provide the **tools** to find the answer.

DhiShi

2025 Ed.