

# Welcome to BIG LAB DIAGNOSTICS LTD.



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#### **ABOUT US**

**BioLab Diagnostics Limited** is an **ISO 9001:2015 certified** Molecular Diagnostics, Research & Clinical Reference Laboratory dedicated to delivering accurate, reliable, and timely diagnostic results.

Equipped with advanced molecular technology and managed by skilled professionals, BioLab ensures precision and consistency in every test. We follow strict international quality standards to provide dependable results across a wide range of molecular and clinical analyses.

With our Home Sample Collection service, we bring safe and convenient testing directly to patients. At BioLab, we stand for accuracy, integrity, and innovation — empowering better healthcare through science and trust.





#### **MISSION**

To deliver precise,
research-driven diagnostic
solutions through advanced
molecular technology, a
reliable clinical reference
laboratory, and personalized
consultation — ensuring
every patient receives
accurate results with
compassion and trust.



#### **VISION**

To be the most trusted and innovative molecular diagnostics and research-based clinical laboratory in Bangladesh, leading the way in excellence, accessibility, and patient-centered healthcare through home sample collection and expert consultation.



#### COMMITMENT

We are committed to redefining healthcare diagnostics through precision-driven science, compassionate care, and unwavering trust — ensuring better health outcomes for every patient, every time.

#### **CORE VALUES**





- >> PRECISION: We ensure scientific accuracy and excellence in every test.
- >> CARE: We serve with empathy, compassion, and personalized attention.
- >> TRUST: We build confidence through integrity, transparency, and reliability.
- >> INNOVATION: We embrace technology and research to advance diagnostic excellence.
- >> QUALITY: We maintain international standards to deliver consistent, dependable results.
- >> ACCESSIBILITY: We bring advanced healthcare closer to every home and community.

#### **OUR STRENGTHS**





#### **Expert Team**

Skilled molecular technologists and medical specialists ensuring precise, reliable diagnostic output.



#### **ISO Certified**

Tested, validated, and quality-assured under internationally approved laboratory standards.



#### **Quality Assured**

Every test follows strict quality-control protocols to ensure accuracy and consistency.





#### **Fast & Accurate**

Efficient workflow and automated systems help deliver high-accuracy reports in minimal time.



#### **Affordable Care**

Comprehensive diagnostic packages designed to deliver high-quality testing at reasonable costs.



#### **Research Driven**

Strong focus on innovation, molecular research, and continuous scientific improvement.



#### **Ethical Service**

Transparent processes, ethical practices, and patient-centered care at every stage.



## MESSAGE FROM THE CHAIRMAN

At BioLab Diagnostics Limited, our vision has always been to build a diagnostic institution founded on trust, ethics, and scientific excellence. We believe that quality healthcare begins with accurate information, and every result we deliver carries the responsibility of shaping life-changing decisions.

From advanced molecular diagnostics to essential clinical testing, BioLab has grown with a commitment to integrity, innovation, and international standards. Our team works with a deep sense of purpose — ensuring that every test reflects precision, professionalism, and genuine care for every patient we serve.\*

As we continue to expand, our priority remains to strengthen diagnostic reliability across Bangladesh, invest in modern technology, and uphold the values that define us. Together, we aim to create a healthier future supported by accurate science and unwavering trust.

### Monisha Roy Moon

Chairman



## MESSAGE FROM THE FOUNDER & MANAGING DIRECTOR

At BioLab Diagnostics Limited, we believe that accuracy and compassion are at the heart of quality healthcare. Our goal is to make advanced diagnostics accessible, reliable, and patient-centered, ensuring every report reflects our commitment to precision and trust.

With a strong foundation of integrity, quality, and innovation, BioLab continues to set new standards in molecular and clinical diagnostics. From our modern laboratories to our home sample collection service, we work to deliver dependable results with professionalism and care.

As we move forward, we remain focused on innovation, skill development, and sustainable growth, empowering better healthcare outcomes and strengthening confidence among patients, physicians, and partners across Bangladesh.

#### **SK Mondol**

Founder & Managing Director



## MESSAGE FROM THE CHIEF EXECUTIVE OFFICER (CEO)

A successful company is built on the foundation of honesty, integrity, and a team of dedicated professionals. Our mission is to deliver precision, care, and trust in every aspect of diagnostic healthcare. We believe that accurate testing is not merely a process—it is a promise to every patient seeking clarity, reassurance, and hope.

Through advanced molecular diagnostics, rigorous research, and personalized consultation services, we strive to bridge science with compassion. Our commitment is to provide accessible, reliable, and ethical healthcare solutions for all, ensuring that every patient receives the highest standard of care.

With the support of our talented team, healthcare partners, and collaborators, we are continuously innovating and expanding our services, including home sample collection, to reach communities across Bangladesh. Together, we are shaping a healthier future — one accurate result at a time.

### Md. Tanjirul Alam

Chief executive officer (CEO)

#### REPORTING CONSULTANTS



#### **DEPARTMENT HISTOPATHOLOGY AND CLINICAL PATHOLOGY**

#### **Prof. Dr. MASHUD PARVEZ**

MBBS, (CMC) MD (Pathology) Professor, Dept. of Histopathology
Bangladesh Shishu Hospital & Institute.

#### **DEPARTMENT BIOCHEMISTRY AND IMMUNOLOGY**

#### **Prof. Dr. BIDHAN CHANDRA SARKAR**

MSc(RU), MPhil(Immunology) PhD(UOM, Japan)
Biochemistry & Molecular Biology

#### **MICROBIOLOGY**

#### PROF. DR. M.M. MONZUR HASSAN

MBBS, M Phil (Micro), JICA Fellow (Japan) FCGP Consultant, Microbiologist (BUET)

#### **KOBIRUL ISLAM**

M.Sc. Microbiology Jagannath University (JnU), B.Sc. in Microbiology Incharge

#### **MOLECULAR BIOLOGY**

#### Prof.Dr.Ashesh K.Chowdhury

MBBS(DMC), M.Phil(Imm) PhD (ICGEB) Senior Consultant Molecular Biology BioLab Diagnostics Limited

#### **Prof. Dr. BIDHAN CHANDRA SARKAR**

MSc(RU), MPhil(Immunology) PhD(UOM, Japan) Biochemistry & Molecular Biology

#### Dr. HASI RANI SAHA

MSc(RU), PhD(UOM, Japan) Molecular Biology

#### Dr. MD. MONIRUL ISLAM

B.Sc. & M.Sc. (Biotechnology & Genetic Engineering) PhD (Pharmacogenomics) Post-doctorate (Molecular Pathology) Consultant PCR & Molecular Diagnostics Section LabAid Limited (Diagnostics).



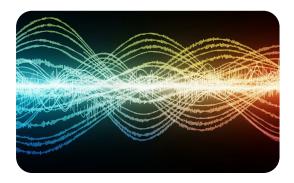
#### **OUR SERVICES**





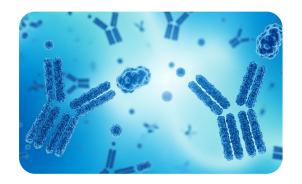
#### **MOLECULAR DIAGNOSTICS (PCR, RT-PCR, QPCR):**

Advanced nucleic acid-based testing for rapid and precise detection of infectious diseases, viral loads, and genetic markers.



#### **GENETIC TESTING & NGS-BASED PANELS:**

Comprehensive DNA and RNA sequencing panels for inherited disorders, cancer genetics, carrier screening, and targeted mutation analysis.



#### **SEROLOGY & IMMUNOLOGY:**

Antigen-antibody testing to diagnose infections, autoimmune disorders, immune response profiling, and allergy screening.



#### **BIOCHEMISTRY & HEMATOLOGY:**

Routine and specialized tests assessing organ function, metabolism, blood components, anemia profiling, and coagulation status.

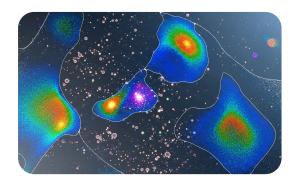


#### **MICROBIOLOGY & CULTURE SERVICES:**

Accurate identification of bacteria, fungi, and parasites through culture, sensitivity testing, and advanced microbial analysis.

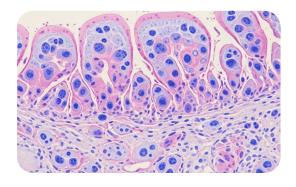
#### **OUR SERVICES**





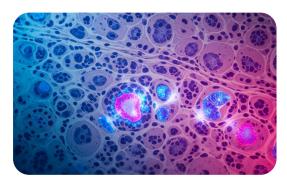
#### **FLOW CYTOMETRY SERVICES:**

High-precision cell analysis for immunophenotyping, leukemia/lymphoma workups, and advanced hematological investigations.



#### **HISTOPATHOLOGY & CYTOPATHOLOGY:**

Microscopic examination of tissues and cells for tumor diagnosis, biopsy evaluation, FNAC, and cellular abnormality detection.



#### **IMMUNOHISTOCHEMISTRY (IHC):**

Marker-based tissue staining to identify specific proteins, aiding in cancer diagnosis, tumor classification, and targeted therapy decisions.



## SPECIALIZED DIAGNOSTICS & ADVANCED BIOMARKER TESTING:

Targeted molecular markers, tumor biomarkers, hormonal markers, and complex diagnostic panels for precision medicine.



## COMPREHENSIVE HEALTH PACKAGES (INDIVIDUAL, FAMILY & CORPORATE):

Complete diagnostic packages designed for preventive care, routine health evaluation, and corporate employee wellness programs.

#### **OUR SERVICES**





#### **PREVENTIVE SCREENING PACKAGES:**

Early detection programs focusing on chronic diseases, lifestyle disorders, and age-specific health risks.



#### **DOCTOR CONSULTATION & TELEMEDICINE SUPPORT:**

Professional medical guidance and remote consultation services for faster diagnosis, follow-up, and patient support.



#### **HOME SAMPLE COLLECTION SERVICES:**

Safe, convenient, and hygienic sample collection from home or office, following strict cold-chain and ISO-standard protocols.



#### **RESEARCH-BASED TESTING SUPPORT:**

Advanced lab support for academic and clinical research, including molecular assays, analytical validation, and data assistance.



## RESEARCH EDITING & SCIENTIFIC SUPPORT SERVICES:

Professional editing, formatting, and scientific guidance for manuscripts, research papers, theses, and medical publications.



#### **CLINICAL PATHOLOGY & HEMATOLOGY**



#### **MOLECULAR DIAGNOSTICS**





#### **BIOCHEMISTRY**



#### **IMMUNOLOGY**





#### **MICROBIOLOGY**



#### **RADIOLOGY & IMAGING**







Thermo Scientific Citadel automatic carousel tissue processors

Country Origin-USA



HistoCore AUTOCUT -Automated Rotary Microtome

Country Origin-USA

Trimodular Tissue Embedding Center, TEC2900T

Country Origin-USA

Histopathology and IHC are vital diagnostic tools. Histopathology examines tissue architecture to identify abnormalities, inflammation, infections, and cancer. Immunohistochemistry adds precision by detecting specific cellular markers, helping classify tumor types, determine origin, and guide targeted therapies. Together, they provide accurate, detailed insights essential for effective diagnosis and treatment planning.





**DNA next-generation sequencer NextSeq 550**Country Origin-USA

## DEPARTMENT: NEXT-GENERATION SEQUENCING TECHNOLOGY

NGS identifies genetic variations quickly and accurately, helping diagnose hereditary diseases, cancers, infections, and guiding targeted treatment by analyzing millions of DNA sequences simultaneously from a single



#### **BD Automate Clinical Flow Cytometry**

Country Origin-USA

#### **DEPARTMENT: FLOW CYTOMETRY**

Flow cytometry helps diagnose diseases by rapidly analyzing cells, detecting abnormal cell populations, identifying cancers, immune disorders, and infections with high accuracy, speed, and detailed cellular information—all from a small sample.

#### **COLLABORATION WITH GENOFAX (USA)**



BioLab Diagnostics Limited proudly collaborates with Genofax, a USA-based global leader in genomics, microbiome intelligence, and precision health analytics. This partnership enables BioLab to integrate advanced Al-driven genomic analysis, microbiome research, and predictive health modeling into its diagnostic ecosystem.

Through this collaboration, patients in Bangladesh gain access to international-grade genomic insights, more accurate test interpretations, and modern personalized health solutions. Genofax's expertise in bioinformatics, microbiome sequencing, and digital health innovation strengthens BioLab's mission to deliver science-driven, future-ready diagnostic services.

Together, BioLab and Genofax aim to create a bridge between global innovation and local healthcare, making world-class genomic technologies accessible across Bangladesh.

Website: www.genofax.com







#### **FUTURE PLANS**





#### **Nationwide Booth Network**

Establish BioLab sample collection booths across all divisions, districts, and major points in Bangladesh.

#### **Eight New Centers by 2030**

Launch and operate a minimum of eight fully equipped diagnostic centers nationwide by 2030.





#### **BioLab Family Health Card**

Introduce an affordable health card system to ensure quality healthcare services reach every family.

#### **FUTURE PLANS**





#### **Innovation & Technology Leadership**

Deploy new and innovative diagnostic technologies and expand comprehensive investigation services to advance national healthcare.

#### **Research & Development Growth**

Strengthen in-house research facilities and support all individuals or institutions interested in conducting research.





## National & International Collaboration

Partner with local and global organizations to push the healthcare sector forward through shared expertise and innovation.

#### **FUTURE PLANS**





#### **Personalized & Predictive Medicine**

Develop personalized health solutions and predictive diagnostic services using advanced molecular tools.

#### **Need change**

#### **Central Reference Laboratory Status**

Position BioLab as a trusted, nationally recognized central reference laboratory for superior accuracy and reliability.





#### **Guided by Precision, Care & Trust**

Operate with a strong commitment to precision, care, and trust—three core values that define BioLab's service standards.

#### **BIOLAB FAMILY HEALTH CARD**





The BioLab Family Healthcard is designed to provide lifelong healthcare benefits for every member of your family — today, tomorrow, and for generations to come. With a single card, your entire family gains access to essential medical services, reliable diagnostics, and partner healthcare facilities at an affordable cost throughout their lifetime.

#### WHAT MAKES THIS CARD SPECIAL

**Lifetime Health Support:** One card offers continuous healthcare benefits for you, your children, and future generations — ensuring long-term protection and peace of mind.

**Access to Renowned Partners:** Get affordable services through collaborations with leading diagnostic centers, hospitals, clinics, and international healthcare providers — all under one unified network.

**Best Price, Best Quality:** Our goal is simple: to ensure the people of Bangladesh receive high-quality diagnostic and medical services at the most affordable prices.

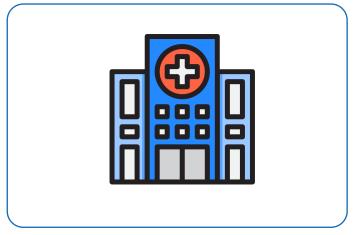
**Nationwide Accessibility:** Healthcard holders can receive services and support through BioLab's branches, booths, partner centers, and phlebotomy network across Bangladesh.

#### **Our Purpose**

To make world-class healthcare reachable, reliable, and affordable for every family in Bangladesh — now and for the generations ahead.

#### **CLIENTS & PARTNERS**





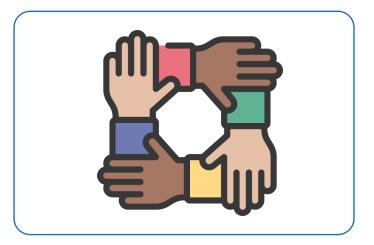
Hospitals, clinics, and diagnostic centers



Corporate organizations



Government & NGO healthcare projects



International research collaborators



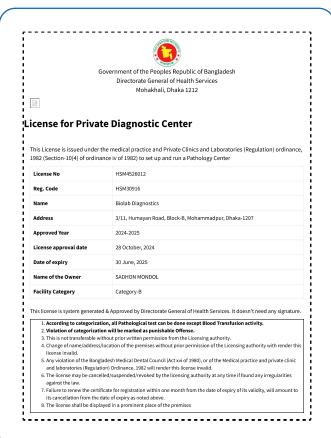
Private physicians and healthcare professionals

#### **CERTIFICATIONS & COMPLIANCE**





















### **Contact us**



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#### **OUR SISTER CONCERNS**





