



## DNA Tech

1. Sample Preparation >
2. DNA Extraction >
3. PCR, Real-time PCR, Digital PCR >
4. Electrophoresis & Visualization >
5. Library Prep & QC >
6. Sequencing >
7. Bioinformatics Analysis

Instruments

Kits, Reagents & Consumables

**Services:**

**Synthesis**      DNA/RNA Oligo Synthesis, Gene Synthesis

**Sequencing**    CES (Capillary Electrophoresis Sequencing), De novo Sequencing, RNA Sequencing, 16S/ITS Metagenomics Sequencing, ChIP Sequencing, Whole Exome Sequencing

**Analysis**        Microsatellite Marker Development, Genotyping by Microsatellite Markers, Bioinformatics Analysis

## Diagnostics & Healthcare

Antibodies, Liquid-based Cytology, Histology, Hematology, Agnostic Diagnostics, **and more.**

### Cell Tech

1. Sample Preparation > 2. Cell Isolation > 3. Cell Activation/ Expansion > 4. Cell Culture > 5. Cell Analysis > 6. Imaging >

|                              |  |  |  |  |  |  |  |
|------------------------------|--|--|--|--|--|--|--|
| Instruments                  |  |  |  |  |  |  |  |
|                              |  |  |  |  |  |  |  |
| Kits, Reagents & Consumables |  |  |  |  |  |  |  |

RESEARCH

7. Cryo Preservation > 8. Cell Analysis > 9. Cell Separation/ Cell Engineering > 10. Cell Activation /Expansion > 11. Secretome

|                              |  |  |  |  |  |          |
|------------------------------|--|--|--|--|--|----------|
| Instruments                  |  |  |  |  |  | CLINICAL |
|                              |  |  |  |  |  |          |
| Kits, Reagents & Consumables |  |  |  |  |  |          |

LIQUID-BASED CYTOLOGY (IVD)

PATHTEZT®

(AKL REGISTERED)

### Microbial Identification and Phenotypic Profiling

1. Sample Collection > 2. Preparation Sample > 3. Medium Transport and Medium Culture > 4. Microbial Identification > 5. Detection and Data Analysis > 6. Phenotypic Profiling

|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
|--|--|--|--|--|--|

1. Sample Preparation >

2. Protein Extraction & Purification

3A. Electrophoresis & Isoelectric Focusing

3B. Assays >

4. Blot & Staining >

5. Detection

|             |   |  |   |  |   |   |
|-------------|---|--|---|--|---|---|
| Instruments |  | <br>Purification Kit    Centrifuge<br><small>Available Soon</small> |    |  |              |                            |
|             | Kits, Reagents & Consumables  |   | <br>Protein Extraction Kit    Column HPLC & Resin Chromatography |   | <br>ELISA Kit | <br>Antibodies & Ancillary |

Transfection

Antibodies Screening/Titer Ranking

Single-cell isolation/ Cell Viability

Monoclonality Assurance

Clone Productivity Screening & Titer

Plasmid Sequencing

|             |  |   |  |  |   |  |
|-------------|--|---|--|--|---|--|
| Instruments |  |  |   |  |  |   |
|             | Kits, Reagents & Consumables   |  |  |  |   |  |

CELL LINE DEVELOPMENT

1-20 L Benchtop Bioreactor

50-2000 L Single-use Bioreactor

0.3-200 L Single-use Rocking Bioreactor

Single-Use Bioprocess Bags and Bottles

|             |  |   |   |  |   |
|-------------|--|---|---|--|---|
| Instruments |  |  |  |  |  |
|             |  |   |   | PVDF Single-use Bioprocess Vessels   | Single-Use Bioprocess Containers  |

UPSTREAM

Benchtop Chromatography System

Laboratory Scale Empty Chromatography Column

Automated Chromatography Column

Mixing

Filtration

|             |  |   |   |  |   |   |
|-------------|--|---|---|--|---|---|
| Instruments |  |  |  |  |  |  |
|             |  |  |  |  |  |  |

Kits, Reagents & Consumables

DOWNSTREAM

|   |  |   |   |   |   |  |   |   |   |
|---|--|---|---|---|---|--|---|---|---|
| Instruments, Kits, Reagents & Consumables |  |  |  |  |  |  |  |  |  |
|   |  |   |   |   |   |  |   |   |   |

QC: IN PROCESSING CONTROL & CONTAMINATION

Therapeutic Antibody Services

- SMAB Platform
- Antibody Engineering & Characterization
- IND-enabling Study
- Antibody Discovery
- Antibody Drug Reagent Service
- Clinical Manufacturing

CGT CDMO

- Plasmid CMC for IND
- Lentiviral Vector CMC for IND
- mRNA CMC for IND
- Linearized DNA Manufacturing
- AAV CMC for IND
- mRNA Manufacturing



**GENLIMS** LABORATORY INFORMATION MANAGEMENT SYSTEMS



**Manage your laboratory in one place**

GENLIMS is a digital platform that serves as a data integration solution within laboratories, with the aim of enhancing accuracy, time efficiency, and overall performance, while also supporting the implementation of ISO 17025.

**Main Features:**

- Human Resources Module
- Laboratory Module
- Inventory Module
- Instrument Integration
- Audit Internal Module
- and more (customable).

**GENCONNECT** DATA TO INSIGHT MANAGEMENT



**Connecting Data for Impactful Insights**

Tailored to meet the specifications for Bioinformatics data processing, as well as assisting in the analysis of bioinformatics data.

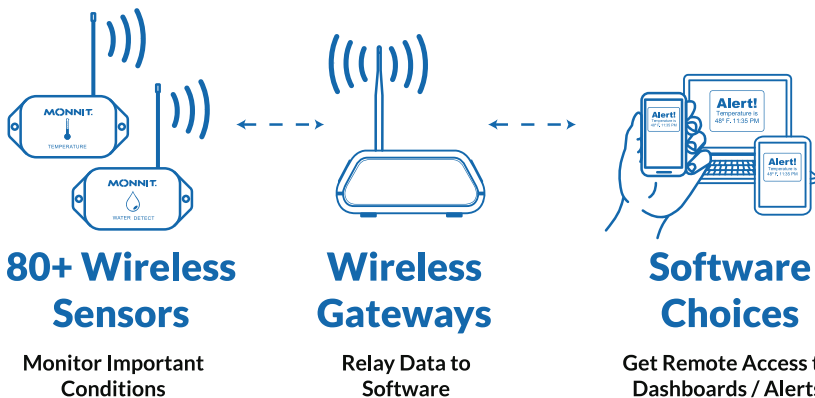
**Products:**



- High-Performance Computing
- Remote Monitoring for Business
- Unmanned Aerial Vehicle
- Automated Guided Vehicle

**MONNIT** Remote Monitoring for Business

Monnit helps you solve challenges and streamline operations using data from the Internet of Things (IoT).



**Application**

- Remote Temperature Monitoring
- Laboratory and Pharmaceutical Monitoring
- Hospital and Clinic Monitoring
- Logistics and Warehousing
- Cold Chain Monitoring
- Vaccine Monitoring, and more

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