

MEDXTM

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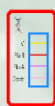


BioTeke

Global Manufacturer of complete Molecular Ecosystem of
Assays, Instruments, Rapid Test & Supplies



SUPPXTM



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BRANDS



MEDX™



Multiplex PCR Assay Panels

Expanded Coverage | Trusted Accuracy | Fast Turnaround



Molecular Lab Instruments & Automation

Precision Engineering | Scalable Workflows | Seamless Integration



Rapid Point-of-Care Diagnostics

Fast Results | Easy to Use | Reliable Performance



Laboratory Consumables & Supplies

Certified Quality | Consistent Performance | Everyday Reliability





Benefits of SuppX™ Laboratory Supplies

Reliable consumables engineered for consistency and safety

SuppX™ provides a comprehensive range of laboratory essentials—swabs, transport media, tubes, pipette tips, and consumables—designed to support molecular diagnostics and high-complexity testing. Manufactured under strict quality standards, every product is optimized for sterility, reproducibility, and ease of use, ensuring dependable results across workflows.

Our portfolio includes FDA-registered and CE-marked components with ISO-certified manufacturing, making SuppX™ the trusted backbone for sample collection, nucleic acid extraction, amplification, and storage. Whether for CLIA-certified labs, hospital settings, or research environments, SuppX™ delivers the consumables that keep laboratories running smoothly.

✦ SuppX™ delivers safe, reliable, and cost-effective laboratory essentials to help you expand testing capacity without increasing your operational footprint



Sample Collection & Transport

- ✦ Sterile swabs (nylon flocked: throat / nasal / rectal)
- ✦ Viral Transport Medium (VTM, inactivated & non-inactivated)
- ✦ Urine collection cups & tubes
- ✦ Blood collection tubes (EDTA, serum, heparinized)
- ✦ Stool specimen containers
- ✦ Biohazard bags & UN3373 transport packaging
- ✦ Labels, barcodes, requisition forms



Reagents & Controls

- ✦ Nucleic acid extraction kits
- ✦ Lyophilized PCR master mix reagents
- ✦ Positive controls (plasmid/synthetic DNA-RNA)
- ✦ Negative controls (IC-only or buffer)
- ✦ Rehydration buffers
- ✦ Enzymes (DNA polymerase, RT)
- ✦ Molecular-grade water
- ✦ External quality control panels (EQA)



Molecular Assay Support

- ✦ PCR plates (96 / 384-well)
- ✦ Optical adhesive plate seals
- ✦ Tube racks & plate holders
- ✦ / verification kits
- ✦ Internal controls (RNaseP, yeast DNA)



General Lab Supplies

- ✦ Permanent markers & cryo pens
- ✦ Lab notebooks / LIMS supplies
- ✦ Label printers & cryo labels



Consumables & Plastics

- ✦ PCR tubes (0.2 mL), strips, caps
- ✦ Microcentrifuge tubes (1.5–2 mL)
- ✦ Cryovials (1.8–2 mL, sterile)
- ✦ Filtered pipette tips (sterile, RNase/DNase-free)
- ✦ Reservoirs for multichannel pipettes
- ✦ Serological pipettes (5, 10, 25 mL)
- ✦ Conical centrifuge tubes (15 mL / 50 mL)
- ✦ Nitrile gloves (powder-free)
- ✦ RNase-free lab wipes



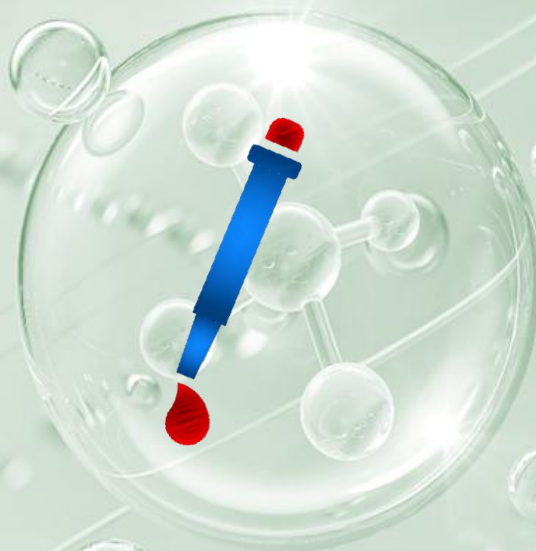
Equipment & Accessories

- ✦ Micropipettes (single & multichannel)
- ✦ Benchtop centrifuges (1.5–2 mL / 15–50 mL)
- ✦ Vortex mixers
- ✦ Mini-spin centrifuges
- ✦ Heat blocks / dry baths
- ✦ Biosafety cabinet (Class II)
- ✦ Refrigerators (2–8 °C) & freezers (-20 °C, -80 °C)
- ✦ Autoclave
- ✦ Analytical balance
- ✦ Ice buckets & racks



Safety & Waste Management

- ✦ Sharps containers
- ✦ Autoclave bags
- ✦ Chemical waste containers
- ✦ Disinfectants (bleach, ethanol, RNase-away)
- ✦ PPE: lab coats, goggles, masks, shoe covers
- ✦ Tube racks & Pipette stands
- ✦ Timers / digital stopwatches
- ✦ Water baths (optional)



Pipettes & Liquid Handling

Ergonomic Design | Precision Control | Reliable Performance

Sample Collection & Transport

Certified Sterility | Safe Preservation | Compliance Ready

Extraction & Preparation Kits

High Recovery | Consistent Yields | Flexible Applications

Laboratory Plastics & Accessories

Durable Quality | Universal Fit | Everyday Reliability




PIPETTES

Single Channel Adjustable Pipette – PT Series

Reliable, ergonomic manual pipettes designed for precision in molecular workflows. The PT Series offers six volume ranges (0.5–5000 µL) with universal tip compatibility and high resistance to corrosion. Autoclavable at 121 °C for sterility and certified to ISO and SGS standards, these pipettes ensure accuracy ($\leq 3\%$ system error) and repeatability across diverse laboratory applications.

Key Features & Specs

ITEM		VALUE	ITEM2	VALUE2
	MODEL	PT10 / PT50 / PT100 / PT200 / PT1000 / PT5000	SYSTEM ERROR	≤3%
	RANGE (μL)	0.5–10 / 5–50 / 10–100 / 20–200 / 100–1000 / 500–5000	REPEATABILITY	±0.2 μL
	MIN. INCREMENT (μL)	0.01 / 0.05 / 0.1 / 0.2 / 1.0 / 5.0	SPECIFICATION	6 pieces per set
	SAMPLE VOLUME	10 μL	PISTON & EJECTOR	Corrosion resistant
	POWER TYPE	Manual (Left or Right hand available)	TIPS ADAPTER TYPE	Universal adaptability
	RANGE LOCK	Yes	LABEL	4 colors
	STERILIZABLE	Yes, 121°C high pressure wet heat sterilization	CERTIFICATE	ISO13485, ISO9001, ISO45001, SGS Calibration certification


8 Channel Adjustable Pipette – PTE Series

Multipurpose multichannel pipettes designed for microplate applications. The PTE Series accommodates 96-well workflows, supporting 0.5–300 µL volumes with high precision ($\leq 6\%$ system error). With robust design, universal tip adaptability, and full autoclave compatibility, they deliver repeatable, efficient liquid handling for high-throughput laboratories.

Technical Specifications

Key Features & Specs

Key Features & Specifications


ITEM	VALUE	ITEM2	VALUE2	
	MODEL	PTE10 / PTE50 / PTE100 / PTE200 / PTE300	SYSTEM ERROR	≤6%
	RANGE (μL)	0.5–10 / 5–50 / 10–100 / 20–200 / 50–300	REPEATABILITY	±0.3 μL
	MIN. INCREMENT (μL)	0.01 / 0.05 / 0.1 / 0.2 / 0.5	SPECIFICATION	5 pieces per set
	SAMPLE VOLUME	10 μL	PISTON & EJECTOR	Corrosion resistant
	POWER TYPE	Manual (Left or Right hand available)	TIPS ADAPTER TYPE	Universal adaptability
	RANGE LOCK	Yes	LABEL	4 colors
	STERILIZABLE	Yes, 121°C high pressure wet heat sterilization	CERTIFICATE	ISO13485, ISO9001, ISO45001, SGS Calibration certification

CONSUMABLES

Disposable Viral Transport Media – ST9001

Non-inactivated viral transport system designed for secure collection, transport, and preservation of viral specimens. Supplied with nylon flocked swabs, it ensures specimen integrity at room temperature (5–25°C) with validated 12-month shelf life. Certified FDA 510(k), CE, ISO, and CNAS for global compliance.


Key Features & Specs

IMAGE	ITEM	VALUE	ITEM2	VALUE
	MODEL	ST9001	SHELF LIFE	12 months
	TUBE CAPACITY	10 mL	STORAGE CONDITION	Room temperature 5–25°C
	PRESERVATIVE SOLUTION	Hank's, non-inactivated, 3 mL	SIZE	OD 16 mm, WT 1.0 mm, Length 100 mm
	PACKAGE SPECIFICATION	10 mL × 100 pieces/set, 12 sets/box	CERTIFICATES	FDA/510(k), CE, MDEL, MSDS, ISO13485, ISO9001, ISO14001, CNAS
	MATERIAL	Polypropylene	SWAB	Nylon flocked swab
	SWAB TYPE	Throat swab / Nasal swab available	—	—

Disposable Viral Transport Media – ST8001

Inactivated viral transport medium available in 10 mL and 30 mL formats. Optimized for biosafety during specimen handling and validated for microbiological safety (aerobic/mold CFU <1). Supplied with nylon flocked throat/nasal swabs and certified CE, FDA 510(k), ISO, and third-party testing.

Key Features & Specs





IMAGE	ITEM	VALUE	ITEM2	VALUE
	MODEL	ST8001	SHELF LIFE	12 months
	TUBE CAPACITY	10 mL / 30 mL	STORAGE CONDITION	Room temperature 5–25°C
	PRESERVATIVE SOLUTION	Inactivated, 3 mL / 6 mL / 12 mL	SOLUTION pH	8.2 ±0.2 at 25 ±2°C
	PACKAGE SPECIFICATION	10 mL × 100 pieces/set, 12 sets/box; 30 mL × 50 pieces/set, 12 sets/box	MICROBIOLOGICAL INDICATORS	Total aerobic bacteria / mold and yeast count (CFU/mL < 1)
	MATERIAL	Polypropylene	SIZE	OD 16 mm / 24 mm, WT 1.0 mm, Length 100 mm
	SWAB	Nylon flocked swab	CERTIFICATES	CE, 510(k), MDEL, CNAS, ISO13485, Third-party test report
	SWAB TYPE	Throat swab / Nasal swab available	—	—

Extraction Kits


Viral DNA/RNA EXTRACTION KIT – AUI7011

Magnetic bead–based kit for rapid extraction and purification of high-purity viral DNA/RNA from a wide variety of samples, including tissue, serum, plasma, swab eluents, virus preservation solutions, and cell culture supernatants. Using nanomagnetic beads, the kit achieves >99% recovery efficiency with minimal nucleic acid loss, delivering consistent performance for PCR and other downstream applications.

Advantages

- ✖  **Mild lysis – room temperature lysis without heating.**
- ✖  **Simple & convenient – no pretreatment required, short extraction time.**
- ✖  **High efficiency – recovery efficiency above 99%, detects as low as 200 copies/mL.**
- ✖  **Strong compatibility – works with multiple downstream detection reagents.**





Key Features & Specs

IMAGE	ITEM	VALUE	ITEM2	VALUE
	Brand	Bioteke	Model	AUI7011 / AUI7012
	Name	Viral DNA/RNA Nucleic Acid Extraction Kit	Dimension	16.5 × 12.5 × 11.5 cm
	Package Size	96 tests/kit	Shelf Life	12 months
	Storage Condition	Room temperature	Weight	—
	Extraction Principle	Nanomagnetic bead adsorption & purification	Recovery	≥99% efficiency
	LOD (sensitivity)	≥200 copies/mL	Compatibility	Multiple downstream assays
	Components	Prepackaged extraction plate (96 tests), 1 × PBS (20 mL), 96-well stirring sleeve	Intended Use	RUO – For Research Use Only


Urine Bacterial Nucleic Acid Extraction Kit – BRU01

Magnetic bead–based extraction kit designed for the automated isolation of high-quality bacterial DNA from urine samples. Optimized for use with Bioteke AUI001/AUI001S instruments, the kit incorporates a pre-lysis step and optional yeast control to improve recovery of difficult pathogens. Each kit is prepackaged to ensure consistency and reliability across 32 extractions.

Advantages

- ✖  **Fast & simple – automated workflow reduces hands-on time.**
- ✖  **High recovery – stable and reproducible yields of bacterial DNA.**
- ✖  **Reliable performance – minimizes sample loss, supports downstream PCR.**
- ✖  **Optimized design – includes pre-lysis buffer and yeast control for enhanced extraction.**

Key Features & Specs

IMAGE	ITEM	VALUE	ITEM2	VALUE
	Brand	Bioteke	Model	BRU01
	Name	Urine Bacterial Nucleic Acid Extraction Kit	Package Size	32 tests/kit
	Extraction Principle	Magnetic bead adsorption & purification	Shelf Life	12 months
	Storage Condition	Room temperature	Compatibility	AUI001/AUI001S systems
	Sample Requirement	Fresh urine; 2–8 °C (short-term), –20/–80 °C (long-term)	Performance	Stable & reproducible yields
	Components	Prepackaged extraction plate, yeast powder, bacterial pre-lysate, stirring sleeves	Intended Use	RUO – For Research Use Only



A GLOBAL DIAGNOSTIC SOLUTIONS PROVIDER

Bioteke Corporation is an FDA-registered and ISO-certified global manufacturer of molecular diagnostic technologies headquartered in Wuxi, China. Since 2005, Bioteke has developed molecular diagnostic assays, real-time PCR systems, automated extraction platforms, and rapid tests. With over 50,000 m² of facilities and 600 employees, Bioteke integrates R&D, manufacturing, and quality control to deliver high-quality, cost-effective diagnostic solutions.

Holding ISO 13485 certification, multiple FDA 510(k) clearances, and CE-marked products, Bioteke demonstrates its commitment to international quality and regulatory standards. Its portfolio spans infectious disease detection, drug resistance testing, respiratory and urinary pathogen panels, STI assays, and multiplex PCR solutions, making it a trusted supplier to hospitals, clinical laboratories, and research institutions worldwide.

Med X Diagnostics LLC, doing business as **Bioteke–Med X** in the U.S., serves as the exclusive distributor and support partner for Bioteke. Based in West Chicago, Illinois, **Med X** ensures Bioteke's advanced technologies are accessible to CLIA-certified and hospital laboratories performing high-complexity testing and Laboratory Developed Tests (LDTs). Our team of scientific and clinical experts has also assisted in the design and optimization of these assays, ensuring they are practical, reliable, and well-suited for U.S. laboratory workflows. In addition, we are preparing to bring manufacturing operations to the United States, strengthening local supply, compliance, and long-term sustainability. Beyond distribution, **Med X** provides end-to-end laboratory support including onboarding kits, workflow optimization, training, and technical assistance. In collaboration with Bioteke, we are advancing new products through the FDA 510(k) pathway for rapid tests, ensuring future point-of-care solutions meet the highest standards. Together, **Bioteke** and **Bioteke–Med X** deliver a complete ecosystem of assays, instrumentation, reagents, and support services that enhance accuracy, streamline operations, and improve patient outcomes.

Our Product Ecosystem

Through four integrated product lines, we deliver complete diagnostic solutions tailored for CLIA-certified and hospital laboratories.

- ✖ **ReagenX™** offers advanced multiplex PCR assays for LDT validation.
- ✖ **RapidX™** provides rapid near-patient testing for timely decisions.
- ✖ **SuppX™** supplies high-quality reagents, controls, and consumables that ensure reliability.
- ✖ **InstruX™** delivers PCR systems, extraction platforms, and automation tools that scale with laboratory demand.

Together, these product lines create a unified platform that enhances accuracy, efficiency, and patient care.

X SERIES Precision Meets Performance

The **ReagenX™** X Series represents the next generation of multiplex PCR diagnostics—engineered for accuracy, efficiency, and scalability in CLIA and hospital laboratories. Each assay is built on lyophilized technology with integrated controls, minimizing variability and ensuring reliable performance across every run. Designed for seamless validation as Laboratory Developed Tests (LDTs), the X Series panels deliver rapid, actionable results that improve workflow and patient care.

The **ReagenX™** X Series includes five advanced multiplex assays.

- ✖ **RSVX™** — Focused detection of respiratory syncytial virus (RSV).
- ✖ **RSV+X™** — Broader respiratory pathogen panel including RSV and coinfections.
- ✖ **STIX™** — Coverage of common sexually transmitted pathogens with high specificity.
- ✖ **UTIX™** — Comprehensive detection of urinary pathogens and resistance genes.
- ✖ **WNDX™** — Wound infection panel detecting bacteria, fungi, and resistance genes.

In addition, **ReagenX™** offers Custom Assay Development, enabling laboratories to design tailored multiplex solutions for emerging pathogens, specialized resistance markers, or research-driven applications.

Together, the X Series and custom assay options provide a powerful suite of solutions that combine high sensitivity, reproducibility, and streamlined workflows — empowering labs to do more with less.

Integrated Quality & Compliance

Quality goes beyond built-in control. Every **ReagenX™** assay is developed under strict manufacturing standards, with reproducible performance and ongoing verification to ensure dependable results. Internal controls, precision-engineered primers, lyophilized stability minimize error and maximize consistency—helping laboratories achieve accuracy, reliability, and confidence in every test.

End-to-End Laboratory Support

Our partnership goes beyond supplying assays. **ReagenX™** provides onboarding kits for easy setup, staff training, and expert technical assistance to ensure smooth integration into existing workflows. We also help laboratories improve efficiency through workflow optimization, automation support, and scalability planning. From small clinics to high-throughput hospital labs, **ReagenX™** delivers the resources and expertise needed for sustainable growth and dependable results.

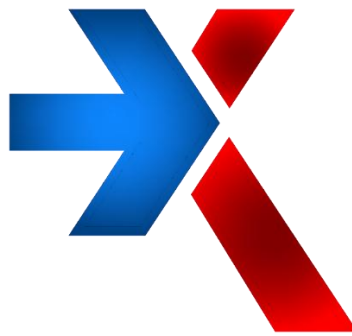
Scalable Solutions for Every Laboratory

From small community clinics to high-throughput hospital labs, **ReagenX™** solutions adapt to every testing environment. Flexible kit sizes reduce waste, multiplexing capabilities maximize throughput, and automation compatibility ensures seamless integration as demand grows. Whether expanding capacity or streamlining daily operations, **ReagenX™** provides scalable tools that evolve with your laboratory's needs—delivering efficiency without added complexity.

Innovation with Real-World Impact

ReagenX™ panels accelerate detection, support earlier treatment decisions, reduce hospital stays, and improve patient outcomes—empowering healthcare providers with diagnostics that make a measurable difference.





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For Research Use Only (RUO). Not for use in diagnostic procedures. Some Products are might not cleared or approved by the U.S. Food and Drug Administration (FDA) for diagnostic use. Performance characteristics must be established by the end-user laboratory in accordance with 21 CFR 809.10(c)(2)(i).

For more information on product applications, performance and stability please refer to instructions for use for each catalogue number.

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