

# Lumigenex

## Lumigenex (Suzhou) Co., Ltd.

Address: Building C24, 218 Xing Hu Street, SIP, Suzhou, P.R. China 215123

Phone: +86-512-80988088

Website: [www.lumigenex.com](http://www.lumigenex.com)

E-mail: [Lumi@lumigenex.com](mailto:Lumi@lumigenex.com)



# Lumigenex

## Worldwide POCT Technology Leader



# CONTENTS

01

COMPANY PROFILE  
ABOUT CEO

02

DEVELOPMENT HISTORY

03

BUSINESS SCOPE

04

DRY CHEMISTRY PRODUCTS

05

INFECTIOUS DISEASE  
DETECTION ITEMS

06

TRFIA PRODUCTS

07

LABORATORY CONSUMABLES

08

BUSINESS ACTIVITIES  
VISION AND MISSION





Lumigenex (Suzhou) Co., Ltd. Is a fast-growing biotechnological company dedicated to the development of proprietary technologies that meet the ever-increasing demands on clinical diagnostic products. Based on our patented Time-Resolved Fluorescence Immunoassay (TRFIA) POCT platform, which is exclusively authorized by Kimberly-Clark, we are focused on developing cost-effective rapid diagnostic products in cardiology, women's health, infectious disease, oncology and metabolic diseases. Meanwhile, Lumigenex is also a strategic partner of China Chest Pain Center and Asian and Pacific Hyperuricemia and Gout Management Center.

Closely collaborating with our global strategic partners, Lumigenex is committed to becoming a worldwide leader in the fields of quantitative POCT.

In addition, Lumigenex has also developed the dry chemistry platform with focuses on the products for chronic disease management, including dry chemistry analyzers and Lipid panel, Glucose, uric acid, creatinine, HbA1C test strips and so on.



**Dr. Andy He**  
**( Founder & CEO of Lumigenex )**

**Dr He** has been serving as the President and CEO of Lumigenex since he found the company in 2010. He was the president of Lumispherex Inc. Prior to founding LumiSpherex, Dr. He served as a senior research scientist at Kimberly-Clark Corporation, one of global Fortune 500 companies. He has over 18 years of research experience in drug discovery, material sciences, and infectious diseases diagnostics and control. His research resulted in over 30 worldwide patents and more than 15 articles published in peer-reviewed journals. Dr. He holds a Ph.D. in Medicinal Chemistry, Biochemistry and Microbiology from The University of Iowa, and completed his post-doctoral fellowship at MIT in the Department of Chemistry and Biology. Dr He is an invited Professor at Soochow University, College of Pharmacy. He is also a visiting Professor at Xian jiaotong University and Shenyang Pharmaceutical University.



• **1988-1992 Bachelor**  
Shenyang Pharmaceutical University



• **1992-1995 Master**  
China Pharmaceutical University



• **1995-1998 Teacher**  
Fudan University



• **1998-2002 Ph.D**  
Doctor of Pharmacy, University of Iowa



• **2002-2003 Post-Doctoral Research**  
Massachusetts Institute of Technology



• **2004-2009 Senior Scientist**



• **2009 Founder**



• **2010 Founder &CEO**





News



Pics



Patents



ISO and CE

## LP-100 / Dry Chemistry Products

### Product Highlights

- Accuracy: Relative Deviation ( RD )  $\leq 10\%$
- Precision: Coefficient of Variance ( CV )  $\leq 5.0\%$
- Linearity: Correlation coefficient (  $r^2$  )  $\geq 0.980$
- Sample Volume: 20~40  $\mu\text{L}$  fingernail blood
- Results within 90~240 seconds
- Bluetooth enabled



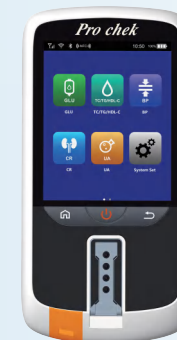
Size:139(L)×76(W)×26.6(H)mm  
Weight: 116g±16g

LP-100

Test items	For disease	Certificate
TC / HDL-C / TG / LDL-C	Hyperlipidemia	NMPA/CE
Uric Acid	Hyperuricemia	NMPA/CE
Creatinine	Renal function	NMPA/CE
Homocysteine	Cardiac Disease	/
HbA1C	Diabetes	Under development



Coming soon: All in One Total M.X / Dry Chemistry Products



Size:158(L)×75(W)×19(H)mm  
Weight: 200g±10g

All in One Total M.X

Test items	For disease
★ All the items on LP-100	
Glucose	Diabetes
Blood pressure	Hypertension

Infectious Disease and other testing items with Colloidal Gold method

Testing menu	Whole Name	Certificate	Specification
Covid19 antigen test kit (for both professional and self-test use)	PocRoc® SARS-CoV-2 Antigen Rapid Test Kit (Colloidal Gold)	CE	1 test/box 5 tests/box 25 tests/box
Covid19 and Influenza antigen test kit	PocRoc® SARS-CoV-2 / Influenza A+B Antigen Combo Rapid Test Kit	CE	1 test/box 5 tests/box 25 tests/box
Influenza A/B antigen test kit	PocRoc® Influenza A/B Antigen Rapid Test Kit(Colloidal Gold)	CE	1 test/box 5 tests/box 25 tests/box
Covid19+Influenza A/B+ RSV antigen test kit	PocRoc® SARS-CoV-2 / Influenza A+B / RSV Antigen Combo Rapid Test Kit (Colloidal Gold)	CE	1 test/box 5 tests/box 25 tests/box
Monkeypox Virus Antigen test kit	PocRoc® Monkeypox Virus Antigen Rapid Test Kit (Colloidal Gold)	CE	1 test/box 5 tests/box 25 tests/box
HP Antigen test kit	PocRoc® Helicobacter Pylori Antigen Rapid Test Kit (Colloidal Gold)	CE	1 test/box 5 tests/box 25 tests/box
FOB Rapid Test Kit	PocRoc® Faecal Occult Blood (FOB) Rapid Test Kit (Colloidal Gold)	/	1 test/box 5 tests/box 25 tests/box



Germany



France



Singapore



Saudi Arabia



Indonesia



Thailand

< Registered or approved by multinational FDAs >



TRFIA Analyzers



Size:240(L)×110(W)×50(H)mm  
Weight: 0.875kg±0.2kg

LTRIC-300



Size: 285(L)×230(W)×130(H)mm  
Weight: 2kg±0.2kg

LTRIC-600

TRFIA technology

- Exclusively licensed and patented of Nano-enhanced Time-resolved technology
- The unique characteristics of Lanthanide Eu 3+ chelate as labeling probes with resolution of both wavelength difference and time-resolution
- More sensitivity and accurate
- Easy and Rapid: 15min

Product Highlights

- Nano-Enhanced TRFIA
- Rapid, sensitive and accurate quantitative POCT Platform
- Repeatability: CV < 10%
- Stability:  $\sigma$  < 10%
- Accuracy:  $\Delta n$  < 10%
- Linearity:  $r$  > 0.99
- Test duration: < 10 sec/strip

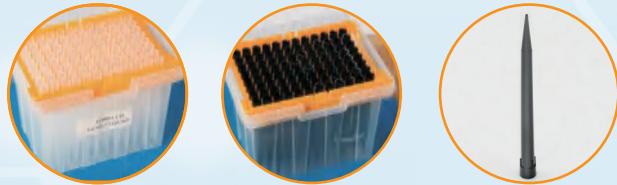
Test items	For disease	Certificate
cTnI CK-MB Myo cTnI/CK-MB/MYO H-FABP cTnI/H-FABP	Acute Coronary Syndrome Diagnosis	NMPA/CE
NT-proBNP	Heart Failure Diagnosis	NMPA/CE
D-Dimer	Diagnosis of deep vein thrombosisand pulmonary embolism	NMPA/CE
PCT CRP SAA CRP/SAA	Bacterial / Virus infectious diseases	NMPA/CE
Albumin/Creatinine ratio (ACR)	Early kidney injury diagnosis	NMPA/CE
PGI/PGII	Early gastric cancer screening	NMPA/CE
$\beta$ -HCG	Early pregnancy diagnosis, embryo development monitoring	NMPA/CE



Pipette tips

Automation Pipette Tips

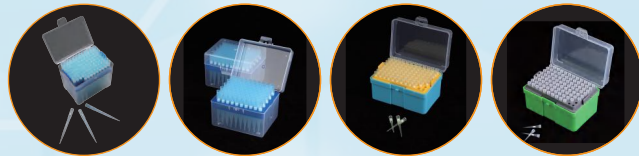
Tecan Automation Conductive Pipette Tips  
Perkinelmer Automation Tips  
Hamilton Automation Tips  
Beckman Automation Tips



Design of calibration ring for glass translucent cavity  
Unique long mouth design  
Thin wall design, good sealing performance  
Raw material: pure PP  
No reaction to strong solution, no corrosion  
High temperature resistance: - 80°C - 120°C .  
It can be sterile at high temperature without deformation  
Format: 96pcs/rack  
Capacity range: 20 µL-1000 µL  
Product classification: with / without filter  
The filter pipette tips can effectively avoid the pollution of aerosol and particles

Univerisal Pipette Tips

10-1250µL Pipette Tips  
96tips/rack, 50racks/case



100% virgin PP, High clarity  
High precision mold, low retention  
Universal fit with most of pipettors  
Cleanroom production, Non-pyrogenic,  
DNase/RNase free

PCR consumables

PCR consumables

96 /384 - well PCR plates



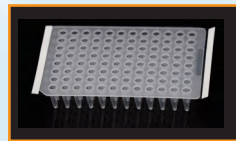
PP material  
Fit with 100/200ul heating block  
Non-pyrogenic, DNase/RNase free

PCR 8-tube Strips And Caps



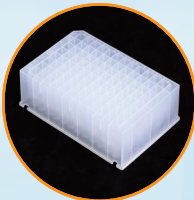
PP material  
Non-pyrogenic,  
DNase/RNase free

PCR Sealing Film



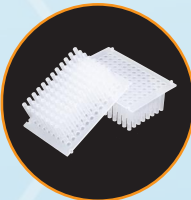
Nucleic acid extraction

96 - well Deep Well Plates



PP material  
Volume:2.2ml  
V-bottom/U-bottom  
Compatible with KingFisherBio-rad, MGI, ABI, EBC instrument  
Non-pyrogenic  
DNase/RNase free  
It has good stability and does not react with the solvent in the plate  
No heavy metal, higher safety.  
According to international standard size (SBS), suitable for automatic workstation.  
It can be frozen and refrigerated to - 80°C  
There is less liquid hanging on the wall

96-well Deep Well Tip Combs



Centrifuge tube

15mL/50mL Centrifuge Tube

PP material  
Sterile,Non-pyrogenic, DNase/RNase free  
Temperature range -80°C-120°C



1.5mL/2mL Microcentrifuge Tube

PP material  
Sterile,Non-pyrogenic, DNase/RNase free  
Temperature range -80°C-120°C



1.5mL/2mL Screw Cap Tube

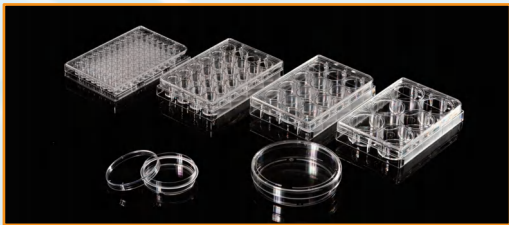
PP material  
Sterile,Non-pyrogenic, DNase/RNase free  
Temperature range -80°C-120°C



Cell culture

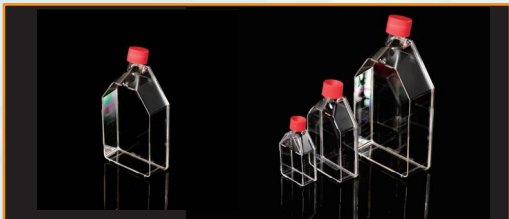
Cell Culture Plates

PS material  
Steriel,Non-pyrogenic, DNase/RNase free



Cell Culture Flasks

PS material  
Steriel,Non-pyrogenic, DNase/RNase free



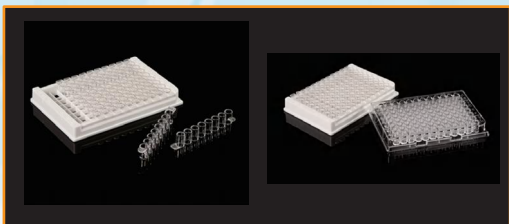
Cell Culture Dishes

PS material  
Steriel,Non-pyrogenic, DNase/RNase free



ELisa plate

ANSI SNS standard size  
Medium Binding / High Binding available  
Detachable/Non-Detachable plate available  
Flat bottom, CV Value less than 5%







**AACCC Annual Scientific Meeting / 2020**  
McCormick Place



**AACCC Annual Scientific Meeting / 2021**  
Georgia World Congress Center



**AACCC Annual Scientific Meeting / 2022**  
Georgia World Congress Center in Atlanta



**Indonesia Hospital Expo / 2022**  
Jakarta Convention Center



**MEDICA / 2022**  
Dusseldorf, Germany

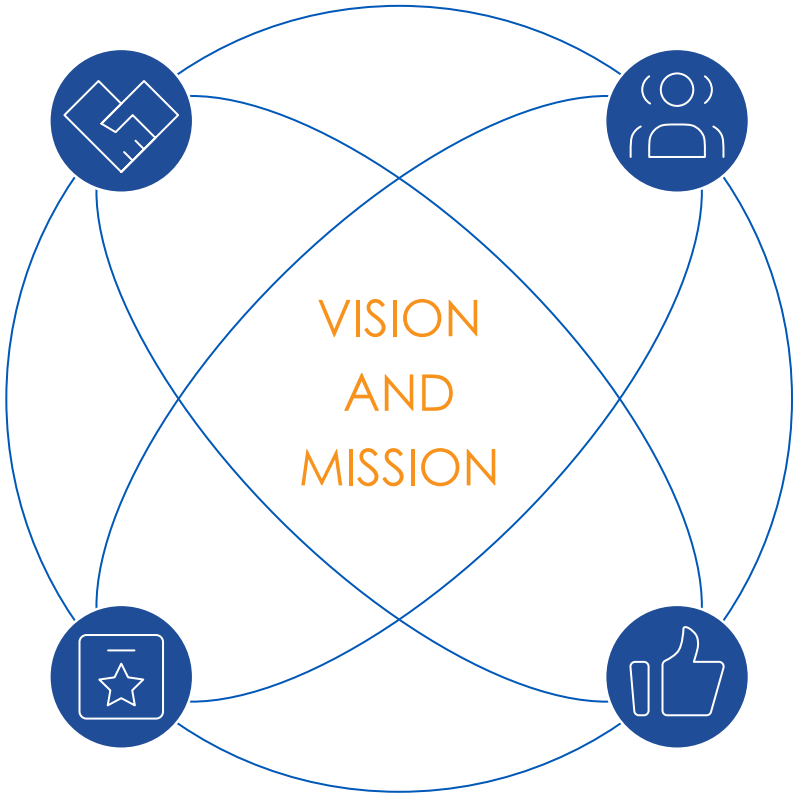


**Medlab Middle East / 2023**  
Dubai World Trade Centre

★ Coming soon

VISION

To become and be recognized as an indispensable partner in the advancement of human well-being, hygiene and health.



MISSION

To provide total diagnostic solutions for acute or chronic diseases across the lifespan of human beings anywhere anytime.

LUMIGENEX