

# PRODUCT CATALOGUE

Technological Innovation  
Brings Life Care All Around



**Shenzhen Drawray Biotech Co., Ltd**

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# About Drawray

200<sup>+</sup>  
EMPLOYEES

100<sup>+</sup>  
PARAMETERS

179<sup>+</sup>  
CE CERTIFICATIONS

15<sup>+</sup>  
Years  
R&D TEAM EXPERIENCE

Shenzhen Drawray Biotech Co., Ltd. (hereinafter referred to as "Drawray"), established in 2019, is a high-tech enterprise in the in-vitro diagnostics (IVD) industry. We specialize in the R&D, production, sales, and service of innovative Point-of-Care Testing (POCT) products, providing advanced diagnostic solutions to enhance healthcare delivery worldwide.

Drawray utilizes three core IVD technology platforms—CLIA, FIA, and Rapid Test. Our product portfolio spans critical areas such as cardiac markers, thyroid function, autoimmunity, infectious diseases, reproductive health, and more.

Committed to excellence, we hold ISO 13485 and ISO 9001 certifications and have achieved over 179 CE certifications and more than 40 patents, demonstrating our dedication to continuous innovation.

Guided by our mission, "Technological Innovation Brings Life Care All Around," and our vision to "Become a Leader in the POCT Field," Drawray strives to enhance patient care, improve healthcare outcomes, and reduce costs. Through ongoing research and development, we aim to lead the industry with reliable and efficient diagnostic solutions.



## Mission

Technological  
Innovation Brings Life  
Care All Around



## Vision

Become a Leader in  
the POCT Field



## Value

End-User Oriented;  
Endless Pursuit of IVD  
Excellence; Everlasting  
Innovation Output





# Technological Innovation Brings Life Care All Around

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• UC1



• UC10



• UC100



• iStar 500



• iStar 2000



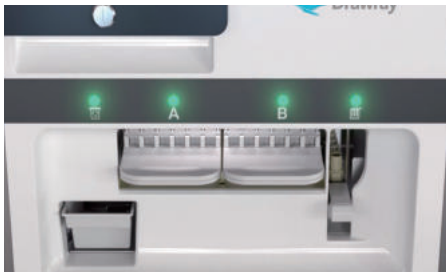
# Chemiluminescence Platform

Mono-test CLIA  
Chemiluminescence Immunoassay Analyzer

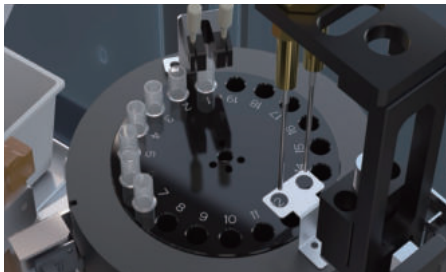
# iStar 500



**Compact design**  
Mono-test reagent strip  
Mini-size reagent kit  
Bench top analyzer



**High efficiency**  
Throughput up to 36T/H  
The first result comes in 11 minutes



**Outstanding flexibility**  
Ready-to-use reagent  
Multi-parameter consecutive testing  
No limitation of reagent opening stability



**High automation**  
Automatic sampling and cuvettes grabbing  
Real-time monitoring the status of consumables  
Supporting bi-direction LIS and USB



**Accurate results**  
Non-contact mixing  
Anti-contamination washing system  
Advanced direct CLIA technology, the sensitivity < 10<sup>-18</sup>

## iStar 500 Test Panels

<div> <b>Cardiac Marker</b></div> <div><ul style="list-style-type: none"><li>• cTnT</li><li>• hs-cTnT</li><li>• cTnI</li><li>• hs-cTnI</li><li>• hs-cTnI II</li><li>• Myo</li><li>• Myo II</li><li>• CK-MB</li><li>• CK-MB II</li><li>• D-Dimer</li><li>• D-Dimer II</li><li>• NT-proBNP</li><li>• NT-proBNP II</li></ul></div>	<div><div> <b>Reproductive Health</b></div><div><ul style="list-style-type: none"><li>E2</li><li>LH</li><li>FSH</li><li>HCG</li><li>AMH</li><li>SHBG</li><li>DHEA-S II</li><li>Inhibin B</li><li>Prolactin</li><li>Testosterone</li><li>Progesterone</li></ul></div></div> <div><div> <b>Anemia</b></div><div><ul style="list-style-type: none"><li>Folate</li><li>Ferritin</li><li>Vitamin B12</li></ul></div></div>	<div><div> <b>Autoimmunity</b></div><div><ul style="list-style-type: none"><li>ANA</li><li>dsDNA IgG</li><li>Anti-CCP</li><li>RF</li><li>IAA</li><li>ICA</li><li>GADA</li><li>IA-2A</li><li>ZnT8A</li><li>tTg IgG</li><li>tTg IgA</li><li>DGP IgG</li><li>DGP IgA</li></ul></div></div>	<div><div> <b>Tumor Marker</b></div><div><ul style="list-style-type: none"><li>CEA</li><li>AFP</li><li>tPSA</li><li>fPSA</li><li>PGI</li><li>PG II</li><li>CA 125</li><li>CA 15-3</li><li>CA 19-9</li><li>Gastrin 17</li></ul></div></div>	<div><div> <b>Inflammation</b></div><div><ul style="list-style-type: none"><li>PCT</li><li>IL-6</li><li>SAA</li><li>CRP</li><li>* HBP</li></ul></div></div>
		<div><div> <b>Growth</b></div><div><ul style="list-style-type: none"><li>hGH</li><li>* IGF-I</li><li>* IGFBP-3</li></ul></div></div>	<div><div> <b>Thrombosis</b></div><div><ul style="list-style-type: none"><li>PIC</li><li>TM</li><li>FDP</li><li>TAT</li><li>T-PAI.C</li><li>D-Dimer</li></ul></div></div>	<div><div> <b>Torch</b></div><div><ul style="list-style-type: none"><li>Toxo IgG</li><li>Toxo IgM</li><li>Rubella IgG</li><li>Rubella IgM</li><li>CMV IgG</li><li>CMV IgM</li><li>HSV-1 IgG</li><li>HSV-1 IgM</li><li>HSV-2 IgG</li><li>HSV-2 IgM</li></ul></div></div>
	<div><div> <b>Bone Metabolism</b></div><div><ul style="list-style-type: none"><li>25-OH Vitamin D</li></ul></div></div>		<div><div> <b>Cerebral Apoplexy</b></div><div><ul style="list-style-type: none"><li>* s100</li><li>* Lp-PLA2</li></ul></div></div>	<div><div> <b>Anti-Phospholipid Syndrome</b></div><div><ul style="list-style-type: none"><li>Cardiolipin IgG</li><li>Cardiolipin IgM</li><li>Cardiolipin IgA</li><li>Anti-Cardiolipin</li><li>β2-Glycoprotein I IgG</li><li>β2-Glycoprotein I IgA</li><li>β2-Glycoprotein I IgM</li><li>Anti-β2-Glycoprotein I</li></ul></div></div>
<div><div> <b>Thyroid</b></div><div><ul style="list-style-type: none"><li>T3</li><li>T4</li><li>FT3</li><li>FT4</li><li>TSH</li><li>Tg</li><li>Anti-Tg</li><li>Anti-TPO</li><li>Anti-TSHR</li><li>* Calcitonin</li></ul></div></div>	<div><div> <b>Allergy</b></div><div><ul style="list-style-type: none"><li>Total IgE</li></ul></div></div>	<div><div> <b>Hypertension</b></div><div><ul style="list-style-type: none"><li>* ACTH</li><li>Cortisol</li></ul></div></div>	<div><div> <b>Food Safety</b></div><div><ul style="list-style-type: none"><li>* B(a)p</li><li>* AFB1</li><li>* Capasin</li></ul></div></div>	
	<div><div> <b>Glycometabolism</b></div><div><ul style="list-style-type: none"><li>Insulin</li><li>C-peptide</li></ul></div></div>	<div><div> <b>Liver Health</b></div><div><ul style="list-style-type: none"><li>CHI3L1</li></ul></div></div>		

• Support whole blood sample    \* Coming soon

# Chemiluminescence Platform

Chemiluminescence Immunoassay Analyzer

# iStar 2000



**Compact design and Efficiency**

More test per square meter with 580T/m<sup>2</sup>/h  
Small footprint, One machine only 0.345m<sup>2</sup>  
User-Centered Design with simplified interactions



**Optimum productivity and Uniformity**

First test results in 9 minutes  
On board cooling for 12 reagent positions  
25 sample positions with independent emergency channel  
Test speed is up to 200T/h, Up to 3 Instruments integrated



**High automation and Flexibility**

Auto-mixing on Whole blood sample and automatic uncapping  
Continuous waste cup cleaning with intelligent detection system  
Barcode auto-scanning, 360° rotating scanning design  
Ability to connection with Hematology analyzer



**Outstanding performance and Confidence**

Acridinium ester chemiluminescence method  
HCT detection system meets whole blood accurate test and avoid interference  
Anti-contamination washing system and sampling systems, non-contact mixing  
Complete liquid detection, bubble, empty aspiration and clotting detection

## iStar 2000 Test Panels

<div> <b>Cardiac Marker</b></div> <div>cTnT hs-cTnT cTnI hs-cTnI Myo CK-MB D-Dimer NT-proBNP BNP sST2 * LP-PLA2</div>	<div><div></div> <b>Liver Health</b></div> <div>CHI3L1</div> <div><div></div> <b>Glycometabolism</b></div> <div>Insulin C-peptide</div> <div><div></div> <b>Reproductive Health</b></div> <div>E2 LH FSH HCG AMH SHBG DHEA-S Inhibin B Prolactin Testosterone Progesterone</div>	<div><div></div> <b>Cerebral Apoplexy</b></div> <div>* s100 * Lp-PLA2</div> <div><div></div> <b>Autoimmunity</b></div> <div>ANA dsDNA Anti-CCP RF IAA ICA GADA IA-2A ZnT8A tTg IgG tTg IgA DGP IgG DGP IgA</div> <div><div></div> <b>Thrombosis</b></div> <div>PIC TM FDP TAT T-PAI.C D-Dimer</div>	<div><div></div> <b>Growth</b></div> <div>hGH IGF-I IGFBP-3</div> <div><div></div> <b>Hypertension</b></div> <div>* ACTH * Cortisol</div> <div><div></div> <b>Food Safety</b></div> <div>* B(a)p * AFB1 * Capasin</div> <div><div></div> <b>Thyroid</b></div> <div>T3 T4 FT3 FT4 TSH Tg Anti-Tg Anti-TPO Anti-TSHR * Calcitonin</div> <div><div></div> <b>Allergy</b></div> <div>* Total IgE</div>	<div><div></div> <b>Anemia</b></div> <div>Folate Ferritin Vitamin B12</div> <div><div></div> <b>Torch</b></div> <div>* Toxo IgG * Toxo IgM * Rubella IgG * Rubella IgM * CMV IgG * CMV IgM * HSV-1 IgG * HSV-1 IgM</div> <div><div></div> <b>Anti-Phospholipid Syndrome</b></div> <div>* Cardiolipin IgG * Cardiolipin IgM * Cardiolipin IgA * Anti-Cardiolipin * β2-Glycoprotein I IgG * β2-Glycoprotein II IgA * β2-Glycoprotein II IgM * Anti-β2-Glycoprotein I</div>
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○ Support whole blood sample      \* Coming soon



# Immunofluorescence Platform

Time-Resolved Fluorescence  
Immunoassay Analyzer

# Unicorn

• UC1



• UC10



• UC100



**Rapid**  
Accurate result in 3 to 8 minutes  
One-step sample loading, no dilution required for some parameters



**Flexible**  
Test kits with different specifications are available  
Unicorn series provide 3 models, including handheld, single channel and multichannel



**Adaptive**  
Support various sample types, including serum, plasma, capillary blood and whole blood  
Suitable for multiple medical scenarios, including outpatient, ambulance, emergency and etc



**Precise**  
Wide detection range with CV≤10%  
Intelligent temperature control guarantees stable incubation environment

## Unicorn Series **Test Panels**



### Cardiac Marker

cTnI  
hs-cTnI  
D-Dimer  
CK-MB/hs-cTnI/Myo  
NT-proBNP  
BNP  
CK-MB  
Myo  
ST2



### Anemia

Folate  
Ferritin  
Vitamin B12



### Glycometabolism

HbA1c



### Thyroid

T3  
T4  
fT3  
fT4  
TSH



### Gastric Function

PG I/PG II  
G17



### Allergy

Total IgE



### Inflammation

CRP  
CRP+hs-CRP  
PCT  
IL-6  
SAA  
CRP/SAA



### Bone Metabolism

25-OH Vitamin D



### Hypertension

Cortisol



### Reproductive Health

E2  
LH  
FSH  
AMH  
β-HCG  
Prolactin  
Progesterone  
Testosterone



### Tumor Marker

tPSA  
fPSA  
CEA  
MAU  
AFP