



PRODUCT CATALOGUE

Technological Innovation
Brings Life Care All Around



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About Drawray

200+
EMPLOYEES
100+
PARAMETERS
179+
CE CERTIFICATIONS
15+
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



· UC1



· UC10



· UC100



· iStar 500



· iStar 2000

Chemiluminescence Platform

Mono-test CLIA

Chemiluminescence Immunoassay Analyzer

iStar 500



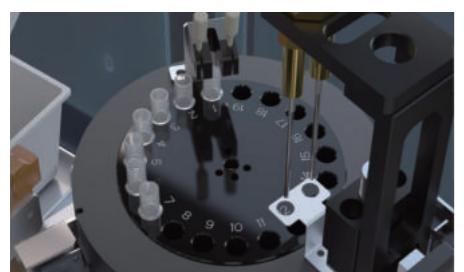
Compact design

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 < 10⁻¹⁸



iStar 500 Test Panels

Cardiac Marker	Reproductive Health	Autoimmunity	Tumor Marker	Inflammation
• cTnT • hs-cTnT cTnI hs-cTnI • hs-cTnI II Myo • Myo II CK-MB • CK-MB II D-Dimer • D-Dimer II NT-proBNP • NT-proBNP II	E2 LH FSH HCG AMH SHBG DHEA-S II Inhibin B Prolactin Testosterone Progesterone	ANA dsDNA IgG Anti-CCP RF IAA ICA GADA IA-2A ZnT8A tTg IgG tTg IgA DGP IgG DGP IgA	CEA AFP tPSA fPSA PGI PG II CA 125 CA 15-3 CA 19-9 Gastrin 17	PCT IL-6 SAA CRP * HBP
Thyroid	Anemia	Growth	Thrombosis	Torch
T3 T4 FT3 FT4 TSH Tg Anti-Tg Anti-TPO Anti-TSHR * Calcitonin	Folate Ferritin Vitamin B12	hGH * IGF-I * IGFBP-3	PIC TM FDP TAT T-PAI.C D-Dimer	Toxo IgG Toxo IgM Rubella IgG Rubella IgM CMV IgG CMV IgM HSV-1 IgG HSV-1 IgM HSV-2 IgG HSV-2 IgM
Bone Metabolism	Hypertension	Allergy	Cerebral Apoplexy	Anti-Phospholipid Syndrome
25-OH Vitamin D	* ACTH Cortisol	Total IgE	* s100 * Lp-PLA2	Cardiolipin IgG Cardiolipin IgM Cardiolipin IgA Anti-Cardiolipin β2-Glycoprotein I IgG β2-Glycoprotein I IgA β2-Glycoprotein I IgM Anti-β2-Glycoprotein I
Glycometabolism	Liver Health	Insulin C-peptide	CHI3L1	

• Support whole blood sample

* Coming soon

Chemiluminescence Platform

Chemiluminescence Immunoassay Analyzer

iStar 2000



Compact design and Efficiency

More test per square meter with 580T/m²/h
Small footprint, One machine only 0.345m²
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

Cardiac Marker	Liver Health	Cerebral Apoplexy	Growth	Anemia
cTnT	CHI3L1	* s100	hGH	Folate
hs-cTnT		* Lp-PLA2	IGF-I	Ferritin
cTnI			IGFBP-3	Vitamin B12
hs-cTnI				
Myo	Insulin			
CK-MB	C-peptide			
D-Dimer				
NT-proBNP				
BNP				
sST2				
* LP-PLA2				
Autoimmunity	Reproductive Health	Tumor Marker	Hypertension	Torch
		CEA	ACTH	* Toxo IgG
		AFP	* Cortisol	* Toxo IgM
		tPSA		* Rubella IgG
		fPSA		* Rubella IgM
		PGI		* CMV IgG
		PG II		* CMV IgM
		CA 125		* HSV-1 IgG
		CA 15-3		* HSV-1 IgM
		CA 19-9		
		Gastrin 17		
Inflammation				
PCT			PIC	
IL-6			TM	
SAA			FDP	
CRP			TAT	
25-OH Vitamin D			T-PAI.C	
			D-Dimer	
Bone Metabolism				
* HbP				

• Support whole blood sample

* Coming soon

Anti-Phospholipid Syndrome

* Cardiolipin IgG
* Cardiolipin IgM
* Cardiolipin IgA
* Anti-Cardiolipin
* β 2-Glycoprotein I IgG
* β 2-Glycoprotein I IgA
* β 2-Glycoprotein I IgM
* Anti- β 2-Glycoprotein I

Allergy

* Total IgE

Immunofluorescence Platform

unicorn

Time-Resolved Fluorescence
Immunoassay Analyzer

• 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

Glycometabolism

HbA1c

Thyroid

T3
T4
fT3
fT4
TSH

Anemia

Folate
Ferritin
Vitamin B12

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