



# PRODUCT CATALOG





Guangzhou Decheng Biotechnology Co., Ltd. located in Guangzhou, China, is a newly grown POCT company devoted to the R&D, manufacture and sales of rapid diagnostic reagents and related equipment in IVD (in vitro diagnostic) field. The factory covers an area of 10,000 square meters, ISO 9001, ISO 13485, MDSAP, BRC and BSCI certified. Most products are CE, FDA, TGA and HSA certified. We are able to supply reliable finished products and also very happy to offer OEM or ODM service and integrated solution to our customers.

# WORKPLACE



# CERTIFICATES



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### Reagents:

**Diabetes:** HbA1c

**Coagulation:** D-Dimer

**Tumor Markers:** PSA FPSA

**Cardiac Markers:** cTnI CK-MB Myo NT-proBNP cTnI/CK-MB/Myo

**Thyroid Hormone:** T3 T4 FT3 FT4 TSH

**COVID-19:** 2019-nCoV Ag Neutralizing Ab

**Inflammation:** hsCRP/CRP PCT SAA IL-6

**Fertility:** β-HCG AMH LH PdG FSH E3G PROG

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## COVID-19 SERIES

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# ■ FERTILITY SERIES ■

## Pregnancy Rapid Test

CE marked / FDA cleared



## Ovulation Rapid Test

CE marked / FDA listing



## PdG Urine Test



## ■ FERTILITY SERIES ■

### Immunofluorescence Fertility Test

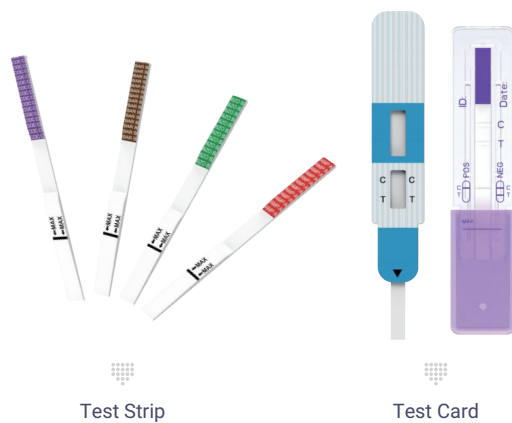


- **Reagent:**
  - LH+PdG
  - LH+PdG+E3G
  - FSH
  - LH
  - PdG

REF	Product Name	Format	Specimen	Sensitivity	Qualification	Package
081/091	Digital Pregnancy Rapid Test	Midstream	Urine	25 mIU/ml	CE, FDA, HSA	1T/2T
091 (10)	Digital Pregnancy Rapid Test	Midstream	Urine	10 mIU/ml	CE & FDA applying	1T/2T
089	Digital Ovulation Rapid Test	Midstream	Urine	25 mIU/ml	CE, FDA listing, HSA	5T/7T/10T/15T/20T/40T
096	Pregnancy Rapid Test	Strip/Midstream	Urine	25 mIU/ml	CE, FDA	1T/2T/5T
096 (10)	Pregnancy Rapid Test	Strip/Midstream/ Card	Urine	10 mIU/ml	Applying	1T/2T/5T
003	Ovulation Rapid Test	Strip/Midstream	Urine	25 mIU/ml	CE, FDA listing	5T/7T/10T/15T/20T/40T
004	Semi-quantitative Ovulation Rapid Test	Strip/Midstream	Urine	25 mIU/ml	Applying	5T/7T/10T/15T/20T/40T
103	PdG Urine Test Strip	Strip	Urine	5µg/ml	Applying	5T/10T

# ■ DOA SERIES ■

## Urine Drug Test



Single-Drug Urine Test

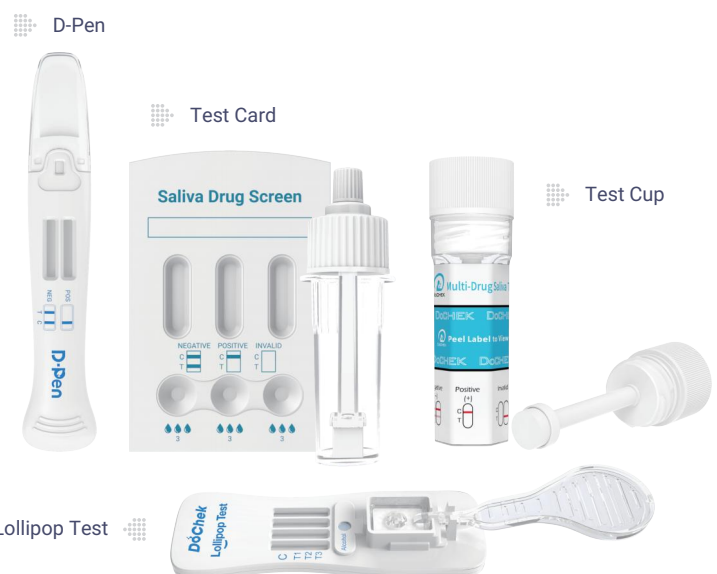


Multi-Drug Urine Test

## Saliva Drug Test



Single-Drug Saliva Test Midstream



Multi-Drug Saliva Test

## ■ DOA SERIES ■

### DOA Reader

DC908A



DC911A



DC909A



#### DC908A

- Portable and easy to carry
- Barcode verification
- Capture results in 30 seconds
- Work with PC interface through the connection of USB port

#### DC911A

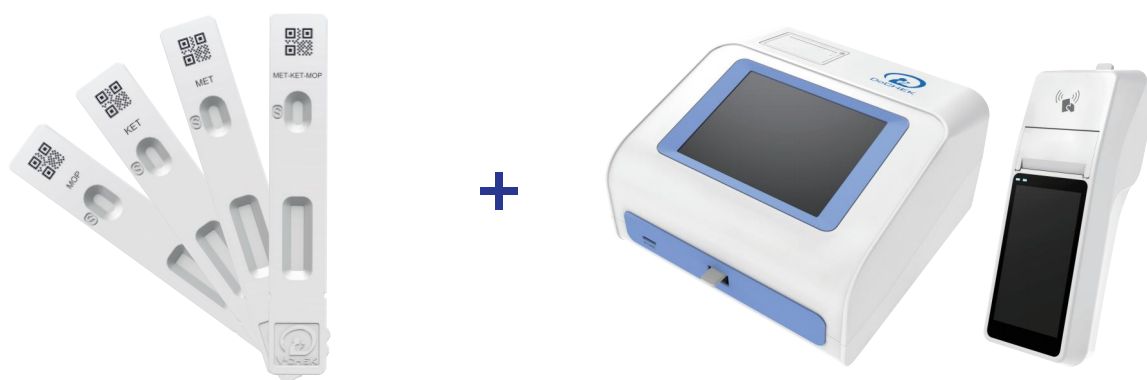
- Portable and easy to carry
- Rapid, multi-assay, on-the-spot analyzer
- Data management
- Equipped with a display screen for clearer results
- Built-in printer

#### DC909A

- Portable and easy to carry
- More objective than visual interpretation
- Capture results in 30 seconds
- Storage more than 10000 datas

## ■ DOA SERIES ■

### Hair Drug Test



- Capture results in 5 minutes
- Long detection window for 90 days
- Quantitative detection of drugs in hair

### Test Items Available

Specimen	Test Item	Cut-off level	Format	Qualification
Urine	Amphetamine (AMP)	1000/500/300 ng/mL	Strip/Card	CE marked
	Barbiturates (BAR)	300 ng/mL	Strip/Card	CE marked
	Benzodiazepines (BZO)	300/200/100 ng/mL	Strip/Card	CE marked
	Buprenorphine (BUP)	10 ng/mL	Strip/Card	CE marked
	Cocaine (COC)	300/150/100 ng/mL	Strip/Card	CE marked
	Marijuana (THC)	50/40/25 ng/mL	Strip/Card	CE marked
	Methamphetamine (MET)	1000/500/300 ng/mL	Strip/Card	CE marked
	Methadone (MTD)	300/200 ng/mL	Strip/Card	CE marked
	Methylenedioxymethamphetamine - ecstasy (MDMA)	500/300 ng/mL	Strip/Card	CE marked
	Morphine (MOP)	300/100 ng/mL	Strip/Card	CE marked

# DOA SERIES

## Test Items Available

Specimen	Test Item	Cut-off level	Format	Qualification
Urine	Oxycodone (OXY)	100 ng/mL	Strip/Card	CE marked
	Phencyclidine (PCP)	25 ng/mL	Strip/Card	CE marked
	Propoxyphene (PPX)	300 ng/mL	Strip/Card	CE marked
	Tri-cyclic Antidepressants (TCA)	1000 ng/mL	Strip/Card	CE marked
	Synthetic Cannabis (K2)	50/25 ng/mL	Strip/Card	CE marked
	Opiate (OPI)	2000 ng/mL	Strip/Card	CE marked
	Tramadol HCl (TRA)	1000/200 ng/mL	Strip/Card	CE marked
	Methadone Metabolite (EDDP)	300 ng/mL	Strip/Card	CE marked
	Fentanyl (FTY)	20 ng/mL	Strip/Card	CE marked
	Cotinine (COT)	200 ng/mL	Strip/Card	CE marked
	Ethyl Glucuronide (ETG)	500 ng/mL	Strip/Card	CE marked
	Ketamine (KET)	1000/500 ng/mL	Strip/Card	CE marked
	6-MAN (Monoacetylmorphine)	10 ng/mL	Strip/Card	CE marked
Saliva	Amphetamine (AMP)	50/40 ng/mL	Card/Midstream	CE marked
	Barbiturates (BAR)	60/20 ng/mL	Card/Midstream	CE marked
	Benzodiazepines (BZO)	30/10 ng/mL	Card/Midstream	CE marked
	Buprenorphine (BUP)	5 ng/mL	Card/Midstream	CE marked
	Cocaine (COC)	50/20 ng/mL	Card/Midstream	CE marked
	Marijuana (THC)	50/40/12 ng/mL	Card/Midstream	CE marked
	Methadone (MTD)	30 ng/mL	Card/Midstream	CE marked
	Methamphetamine (MET)	50 ng/mL	Card/Midstream	CE marked
	Methylenedioxymethamphetamine (MDMA)	100/50/25 ng/mL	Card/Midstream	CE marked
	Opiate (OPI)	50/40/15 ng/mL	Card/Midstream	CE marked
	Morphine (MOP)	15 ng/mL	Card/Midstream	CE marked
	Oxycodone (OXY)	20 ng/mL	Card/Midstream	CE marked
	Phencyclidine (PCP)	10 ng/mL	Card/Midstream	CE marked
	Cotinine (COT)	20/50 ng/mL	Card/Midstream	CE marked
	Propoxyphene (PPX)	25 ng/mL	Card/Midstream	CE marked
	Alcohol	0.02%	Card/Midstream	CE marked
	ETG	300/500 ng/mL	Card/Midstream	CE marked
Hair	Morphine (MOP)	0.2 ng/mg	Card	CE marked
	Methamphetamine (MET)	0.2 ng/mg	Card	CE marked
	Ketamine (KET)	0.2 ng/mg	Card	CE marked
Powder/Liquid	3 in 1 (MOP/MET/KET)	0.2 ng/mg	Card	CE marked
	Fentanyl (FTY)	10 ng/mL	Strip	CE marked
	Xylazine (XYL)	500 ng/mL	Strip	CE marked
	FTY+ XYL combo test	10ng/mL + 500 ng/mL	Strip	CE marked

Note: More test items are coming.

# ■ COAGULATION SERIES ■

## Coaguwell® Semi-automatic Coagulation Analyzer

DC901A

- Built-in thermal printer
- Sample Type: Citrated Venous Whole Blood and Capillary Blood (PT/INR Only)
- Sample Volume: 20 µL
- Precision: CV≤5%
- Store at room temperature and valid for 18 months

● **Reagent:**

PT/INR

TT

APTT

ACT

FIB



Specification			
Product name	Semi-automatic coagulation analyzer		
Model	DC901A	Print	Built-in thermal printer
Size	207*235*130mm	System	Android
Display	7 inches	Storage	10000 test records
Weight	≈ 1.5 kg	Language	Multi-language
Sample type	Whole blood		
Test channel	Single channel		

# ■ FLUORESCENCE SERIES ■

## Immunofluorescence Analyzer



Specification				
Product name	Immunofluorescence Analyzer			
Model	CHF200	CHF600	CHF300	CHF410
Size	280*280*170mm	280*280*170mm	245*97*65mm	120*76*60mm
Display	8 inches	8 inches	5 inches	1.2 inches
Weight	< 2.5 kg	< 3 kg	< 1 kg	< 0.5 kg
Methodology	Time-resolved Fluorescence Immunoassay			
Sample type	Whole blood / serum / plasma / urine, etc.			
Test channel	Single channel	Six channels	Single channel	Single channel
Test items	Up to 1000			
Print	Built-in thermal printer			/
System	Android			
Storage	50000 test records			
Language	Multi-language			
Card code	QR code			

# ■ FLUORESCENCE SERIES ■

## Test Items Available

Product class	Test items	Sample type	Sample volume	Reaction time	Reportable range	Qualification
<b>Diabetes</b>	HbA1c	WB	10 µL	5 mins	3% ~ 14%	CE marked IFCC NGSP
<b>Inflammation</b>	hsCRP/CRP	WB/S/P	5 µL	3 mins	0.5 ~ 200 mg/L	CE marked
	PCT	WB/S/P	75 µL	15 mins	0.1 ~ 100 ng/mL	CE marked
	SAA	WB/S/P	5 µL	3 mins	1 ~ 300 mg/L	CE marked
	IL-6	WB/S/P	75 µL	15 mins	3 ~ 4000 pg/mL	CE marked
<b>Cardiac Markers</b>	cTnI	WB/S/P	75 µL	15 mins	0.1 ~ 50 ng/mL	CE marked
	CK-MB	WB/S/P	75 µL	15 mins	0.3 ~ 100 ng/mL	CE marked
	Myo	WB/S/P	75 µL	15 mins	2 ~ 400 ng/mL	CE marked
	NT-proBNP	WB/S/P	30 µL	15 mins	30 ~ 30000 pg/mL	CE marked
	cTnI/CK-MB/Myo	WB/S/P	75 µL	15 mins	cTnI: 0.1-50ng/mL CK-MB: 0.3-100ng/mL Myo: 2-400ng/mL	CE marked
<b>Coagulation</b>	D-Dimer	WB/P	10 µL	5 mins	0.1 ~ 10 mg/L	CE marked
<b>Fertility</b>	β-HCG	WB/S/P	20 µL	15 mins	5 ~ 200000 mIU/mL	CE marked
	AMH	WB/S/P	75 µL	15 mins	0.1 ~ 16 ng/mL	CE marked
	LH	WB/S/P	75 µL	15 mins	1 ~ 100 mIU/mL	CE marked
	PdG	WB/S/P	75 µL	15 mins	1 ~ 100 µg/mL	CE marked
	FSH	WB/S/P	75 µL	15 mins	1 ~ 100 mIU/mL	CE marked
	E3G*	WB/S/P	75 µL	15 mins	1 ~ 100 ng/mL	CE marked
	PROG	WB/S/P	100 µL	10 mins	0.5 ~ 60 ng/mL	CE marked
<b>Tumor Markers</b>	PSA	WB/S/P	35 µL	15 mins	2 ~ 80 ng/mL	/
	FPSA	WB/S/P	75 µL	15 mins	0.2 ~ 30 ng/mL	CE marked
<b>Others</b>	25-OH-VD	S	20 µL	10 mins	5 ~ 100 ng/mL	CE marked
	IgE*	WB/S/P	75 µL	10 mins	1 ~ 1000 IU/mL	CE marked
	FERR	WB/S/P	75 µL	10 mins	5 ~ 500ng/mL	/
<b>Thyroid Hormone</b>	T3	WB/S/P	75 µL	15 mins	0.61 ~ 9.22 nmol/L	CE marked
	T4	WB/S/P	75 µL S/P 150µL WB	15 mins	12.87 ~ 300 nmol/L	CE marked
	FT3	WB/S/P	75 µL	15 mins	0.60 ~ 45.00 pmol/L (0.39 ~ 29.22 pg/mL)	CE marked
	FT4	WB/S/P	75 µL S/P 150µL WB	15 mins	1.00 ~ 100 pmol/L (0.078 ~ 7.77 ng/dL)	CE marked
	TSH	WB/S/P	75 µL	15 mins	0.1 ~ 100 mIU/L	CE marked
<b>COVID-19</b>	2019-nCoV Ag	NS	100 µL	10 mins	/	CE marked
	Neutralizing Ab	WB/S/P	50 µL	10 mins	/	CE marked

Note: "\*" means coming soon.

# ■ COVID-19 SERIES ■

## ANTIGEN TEST

### ■ Swab Test



#### COVID-19 Flu A&B / RSV Ag Combo Rapid Test Cassette (Swab)

**Specimen:** Nasopharyngeal swab / Nasal swab

**Test Format:** Card

**Test Time:** Within 15 mins

**Storage Condition:** 2°C ~ 30°C (35°F ~ 86°F)

**Shelf Life:** 24 months

**Cat. No.:**

098BC2X001 098BC2X005 098BC2X025

CE marked



#### 2019-nCoV Ag Rapid Test Kit (Immunochromatography)

**Specimen:** Nasal swab

**Test Format:** Card

**Test Time:** Within 15 mins

**Storage Condition:** 2°C ~ 30°C (35°F ~ 86°F)

**Shelf Life:** 24 months

**Cat. No.:**

0685C2X001 0685C2X005 0685C2X025

CE marked / TGA approved



#### 2019-nCoV Ag Saliva Rapid Test Card (Immunochromatography)

**Specimen:** Saliva

**Test Format:** Card

**Test Time:** Within 10 mins

**Storage Condition:** 2°C ~ 30°C (35°F ~ 86°F)

**Shelf Life:** 24 months

**Cat. No.:**

0699C8X001 0699C8X005 0699C8X020

CE marked / TGA approved

## ANTIBODY TEST



#### 2019-nCoV RBD Antibody Rapid Test (Immunochromatography)

**Specimen:** Fingertick whole blood / Venous whole blood / Serum and plasma

**Test Format:** Card

**Test Time:** Within 15 mins

**Storage Condition:** 2°C ~ 30°C (35°F ~ 86°F)

**Shelf Life:** 24 months

**Cat. No.:**

0654C4X005 0654C4X025 0654C4X100 0654C2X001

0654C2X005 0654C2X025

CE marked



#### 2019-nCoV IgG&IgM Antibody Rapid Test Kit (Immunochromatography)

**Specimen:** Fingertick whole blood / Venous whole blood / Serum and Plasma

**Test Format:** Card

**Test Time:** Within 15 mins

**Storage Condition:** 2°C ~ 30°C (35°F ~ 86°F)

**Shelf Life:** 24 months

**Cat. No.:**

0524C2X001 0524C2X010 0524C2X020 0524C2X025

CE marked



#### 2019-nCoV Neutralizing Antibody Rapid Test (Fluorescence Immunochromatographic Assay)

**Specimen:** Serum and Plasma

**Test Format:** Card

**Test Time:** Within 10 mins

**Storage Condition:** 2°C ~ 30°C (35°F ~ 86°F)

**Shelf Life:** 24 months

**Cat. No.:**

0644C2X005 0644C2X025 0644C4X005 0644C4X025

0644C4X100

CE marked



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