

WONDFO BIOTECH
WeAreWorkingForYourHealth



ACCRE

EXCELLENT AS CLIA • EASY AS POCT

TOTAL SOLUTION FOR AUTOMATIC CHEMILUMINESCENCE
IMMUNOASSAY (CLIA)

Wondfo

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About Tisenc

Founded in 2015, Tisenc Medical Device Co., Ltd., a Chinese chemiluminescence immunoassay (CLIA) enterprise, has been devoted to the R&D, manufacture and global distribution of fully-automatic CLIA analyzers and matching individual reagents. In 2016, Tisenc passed ISO13485 and was identified as one of Chinese national high-tech enterprises. Tisenc's CLIA products enjoy both the convenience of POCT devices and the satisfying features of CLIA. With innovative integration of both pros aforementioned, Tisenc's CLIA products can meet needs by various healthcare facilities worldwide for high-quality POCT products.

Since 2022, Tisenc's 100% stock rights and interests have been acquired by Wondfo Biotech Co., Ltd., a leader in POCT industry in China with cutting-edge techniques and products. After that, Tisenc is a wholly-owned subsidiary of Wondfo.

ACCRE Family

Accurate:

Nano magnetic particles chemiluminescence immunoassay (CLIA)

Convenient:

Whole blood sample type supported, no centrifuge needed

Consistent:

24 hours standby, 600 days mean time between failure (MTBF)

Rapid:

10 mins for the first result, 36-120 tests per hour

Economical:

All-in-one design, no consumables and extra cost



Accre 8



SPACE-SAVING

- Mini size bench-top analyzer
- Only 42 kg of weight

EASE OF USE

- 15.6-inch touch screen
- Delicate ergonomic design

COMPACT MACHINE DESIGN

- No liquid path inside
- Innovative integrated design of magnetic separation and pipetting system
- Simplified mechanical movement design

System

Bench-top CLIA analyzer

Methodology

Chemiluminescence Immunoassay (CLIA)

Dimension

500 mm*370 mm*600 mm

Weight

42 kg

Throughput

Up to 36 tests/hour

Result

10 mins for the first result

Mode

Batch mode

Operation

15.6-inch touch screen, 24 hours standby

Channel

6 channels

Sample Type

Whole blood/Serum/Plasma

Maintenance

600 days MTBF,
no consumable needed for maintenance

Accessories

Built-in thermal printer and barcode scanner

Data Connection

LIS/HIS connection RS232,
USB, Internet connection

Accre 90



FLEXIBILITY & EFFICIENCY

- STAT mode supported
- 2 independent modules with 16 channels totally
- 10 mins for the first result

USER-FRIENDLY

- 15.6-inch touch screen
- Zero cost for analyzer consumables
- 600 days MTBF

DELICATE MACHINE DESIGN

- Simultaneous processing of different parameters
- No liquid path inside, maintenance-free
- Simplified mechanical movement design

System

Bench-top CLIA analyzer

Methodology

Chemiluminescence Immunoassay (CLIA)

Dimension

672 mm*524 mm*566 mm

Weight

67 kg

Throughput

Up to 96 tests/hour

Result

10 mins for the first result

Mode

Batch/STAT mode

Operation

15.6-inch touch screen, 24 hours standby

Channel

2 modules with 16 channels totally

Sample Type

Whole blood/Serum/Plasma

Maintenance

600 days MTBF,
no consumable needed for maintenance

Accessories

Built-in thermal printer and barcode scanner

Data Connection

LIS/HIS connection RS232,
USB, Internet connection

Accre 160



FULLY AUTOMATIC USER EXPERIENCE

- Primary tube sampling
- Automated sampling modes supported

FLEXIBILITY & EFFICIENCY

- Simultaneous processing of different parameters
- STAT mode supported
- Higher throughput

BETTER USER EXPERIENCE

- Automatic barcode identification
- 600 days MTBF

System

Bench-top CLIA analyzer

Methodology

Chemiluminescence Immunoassay (CLIA)

Dimension

570mm*685mm*740mm

Weight

100 kg

Throughput

Up to 120 tests/hour

Result

10 mins for the first result

Mode

Batch/STAT mode

Operation

15.6-inch touch screen, 24 hours standby

Channel

4 modules with 20 channels totally

Sample Type

Whole blood/Serum/Plasma

Maintenance

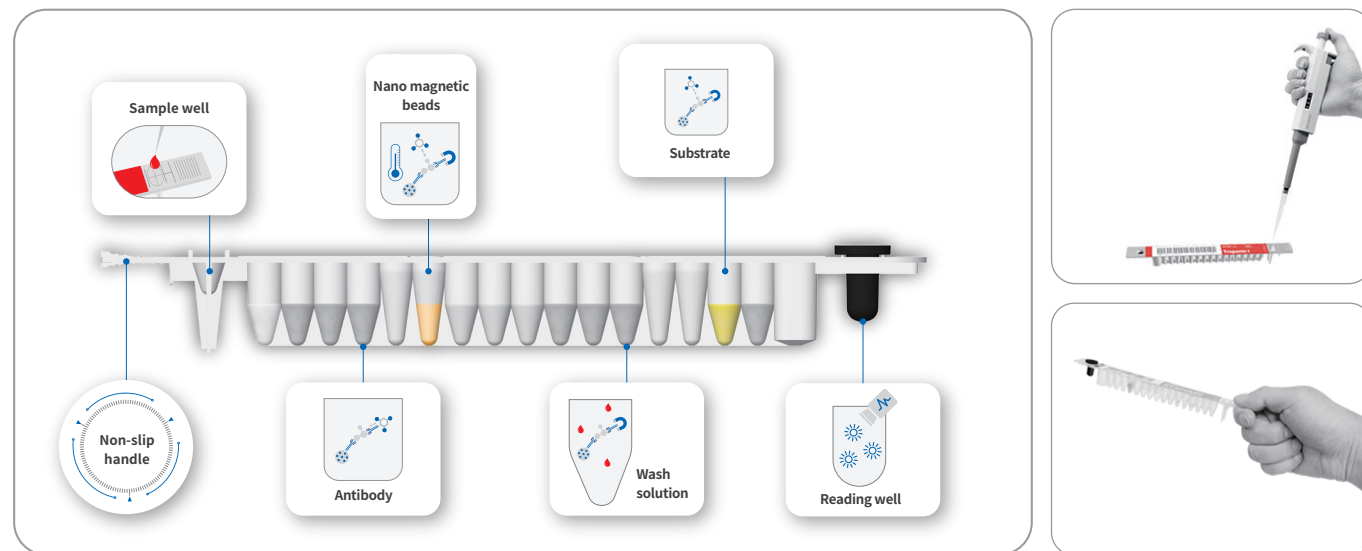
600 days MTBF,
no consumable needed for maintenance

Accessories

Built-in thermal printer and barcode scanner

Data Connection

LIS/HIS connection RS232,
USB, Internet connection



EXCELLENT AS CLIA

- ALP-APS-5 chemiluminescence
- Excellent reagent performance
- Nano magnetic particles for separation
- Broad menu with featured items
- Reliable calibration and quality control system

EASY AS POCT

- Mono-test cartridge, ready-to-use
- Avoid cross-contamination
- Short turnaround time (TAT)
- All-in-one design, no consumables and extra cost
- Built-in scanner reads reagent information automatically

ASSAY PROCEDURE



1 Incubation

Precise temperature
(37°C or 98.6°F) control



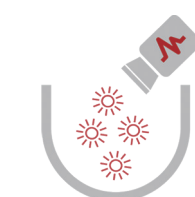
3 Reaction

ALP (alkaline phosphatase)-catalyzed
CLIA reaction



2 Separation

Nano-size magnetic particles
for complete separation



4 Reading

Ultra-sensitive PMT for signal
capture

TEST MENU

- Available
- In Development

Tumor

- CEA
- AFP
- CA125
- tPSA
- CA19-9
- CA15-3
- PGI
- PGII
- G-17
- CA72-4
- HE4
- fPSA
- CYFRA 21-1
- CA50
- CA242
- SCCA
- NSE
- ProGRP

Infectious Disease

- Dengue NS1 Ag
- Dengue IgG
- Dengue IgM
- HIV
- HBsAg
- Anti-HCV
- Anti-TP
- H.Pylori (HP)

Inflammation

- PCT
- IL-6
- CRP
- SAA

Bone Metabolism

- 25-OH Vitamin D Total
- PTH

Fertility

- AMH
- Progesterone
- Testosterone
- Prolactin
- LH
- E2
- FSH
- β-HCG
- Inhibin B
- fTesto
- DHEA-S

TORCH

- Toxo IgG
- Toxo IgM
- Rubella IgG
- Rubella IgM
- CMV IgG
- CMV IgM
- HSV-1 IgG
- HSV-1 IgM
- HSV-2 IgG
- HSV-2 IgM

Thrombus

- D-dimer
- TM
- TAT
- FDP
- PIC
- t-PAIC

Anemia

- VB12
- Folate
- Ferritin

Cardiac

- cTnI
- hs cTnI
- CK-MB
- MYO
- BNP
- NT-proBNP
- H-FABP
- ST2
- Lp-PLA2
- hs cTnT
- hs-CRP

Thyroid

- TSH
- TT3
- TT4
- FT3
- FT4
- Tg
- Anti-Tg
- Anti-TPO

Allergy

- IgE

DIABETES

- Insulin
- C-Peptide
- INS-Ab

Others

- S100β
- ACTH
- Cortisol

ACCREDITED PRODUCT CATALOGUE NUMBER

Category	Parameter	Tisenc Cat. No.	Wondfo Cat. No.	Sample Volume (µL)	Sample Type	Test Time (mins)	Measuring Range	Qualification
Cardiology	cTnI	W121C	F121C	75	S/P/WB	15	0.05-50 ng/mL	CE, NMPA
	hs-cTnI	W122C	F122C	75	S/P/WB	15	0.005-50 ng/mL	CE, NMPA
	MYO	W123C	F123C	75	S/P/WB	15	1-1000 ng/mL	CE, NMPA
	CK-MB	W124C	F124C	75	S/P/WB	15	0.1-300 ng/mL	CE, NMPA
	BNP	W125C	F125C	75	P/WB	15	15-5000 pg/mL	CE, NMPA
	NT-proBNP	W126C	F126C	75	S/P/WB	15	15-35000 pg/mL	CE, NMPA
	H-FABP	W127C	F127C	75	S/P/WB	15	0.5-160 ng/mL	CE, NMPA
Thrombus	D-Dimer	W128C	F128C	75	P/WB	15	0.045-10 µg/mL (FEU)	CE, NMPA
Inflammation	PCT	W116C	F116C	75	S/P/WB	15	0.04-100 ng/mL	CE, NMPA
	IL-6	W90C	F90C	75	S/P/WB	15	1.5-5000 pg/mL	CE
Thyroid	TSH	W30C	F30C	75	P/S	25	0.01-100 µIU /mL	CE, NMPA
	TT3	W31C	F31C	75	P/S	25	0.3-10 nmol/L	CE, NMPA
	TT4	W32C	F32C	75	P/S	25	6.44-320 nmol/L	CE, NMPA
	FT3	W33C	F33C	70	P/S	25	1.0-50 pmol/L	CE, NMPA
	FT4	W34C	F34C	70	P/S	25	2-77.2 pmol/L	CE, NMPA
Fertility	FSH	W41C	F41C	70	P/S	15	0.2-200 mIU/mL	CE, NMPA
	LH	W42C	F42C	70	P/S	15	0.1-200 mIU/mL	CE, NMPA
	PRL	W43C	F43C	70	P/S	15	4-5000 µIU/ml	CE, NMPA
	AMH	W117C	F117C	75	P/S	15	0.01-23 ng/mL	CE, NMPA
	Progesterone	W44C	F44C	100	P/S	23	0.5-191 nmol/L	CE, NMPA
	Testosterone	W45C	F45C	100	P/S	23	0.1-15 ng/mL	CE, NMPA
	E2	W40C	F40C	100	P/S	23	15-3000 pg/mL	CE, NMPA
	β-HCG	W46C	F46C	60	P/S	15	1-5000 mIU/mL	CE, NMPA

Category	Parameter	Tisenc Cat. No.	Wondfo Cat. No.	Sample Volume (µL)	Sample Type	Test Time (mins)	Measuring Range	Qualification
Allergy	IgE	W107C	F107C	65	P/S	15	0.3-2500 IU/mL	CE
	AFP	W60C	F60C	70	P/S	15	0.5-1000 IU/mL	CE
Tumor	CEA	W85C	F85C	65	P/S	15	0.2-1000 ng/mL	CE
	CA125	W104C	F104C	65	P/S	15	0.6-5000 U/mL	CE
	CA19-9	W105C	F105C	65	P/S	15	0.6-1000 U/mL	CE
	tPSA	W84C	F84C	65	P/S	15	0.1-100 ng/mL	
Anemia	Ferritin	W06C	F06C	60	P/S	15	1-2000 ng/mL	CE, NMPA
	Folate	W119C	F119C	85	P/S	28	1.0-20 ng/mL	CE, NMPA
	VB12	W118C	F118C	75	P/S	35	125-2000 pg/mL	CE, NMPA
Bone Metabolism	25-OH VD	W120C	F120C	75	P/S	40	3.0-100 ng/mL	CE, NMPA



- Specification: 36 tests/kit
- Shelf life: 18 months
- Storage: 2-8°C
- Calibrator and Quality Control included in the kit.