

A6i

Smart & Compact CLIA Analyzer



Fully-Auto Chemiluminescence Immunoassay Analyzer A6i
Nanjing RealMind Biotech Co., Ltd.

**0.4 m²**

Small footprint

**200 T/H**

High throughput

**CLIA**

Outstanding performance

**Whole-/Capillary-blood**

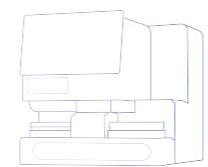
Quick tests

**Fully-Auto Chemiluminescence Immunoassay Analyzer**

A6i is a compact and high throughput bench-top analyzer. Powered by Direct Chemiluminescence Immunoassay (CLIA), A6i is able to offer reliable results that correlates with central labs, but on a much smaller footprint.

Specifications

Method	Direct CLIA with acridinium ester (AE) label
Throughput	200T/H
Sample Types	Whole blood, capillary blood, serum, plasma
Time to First Result	9 min
Reagent Position	12 (2-8°C on board refrigeration)
Sample Position	70 (support continuous loading)
Test Mode	STAT, batch, random
Interconnections	Support two-way LIS
Operation System	18.5 inch touchscreen, android system
Others	Built-in HCT module
Dimensions	64cm(W)x70cm(D)x66cm(H)



Smart & Compact CLIA Analyzer



SMART Assistance

- ① **AI** tube type auto-grouping
No more manual input, drop the rack & go
- ② **AI** sample quality analysis,
unqualified sample auto labeling
- ③ **360°** sample snapshots,
facilitating sample quality trace-back
- ④ Realtime **voice prompt** for test & analyzer status



Better User Experience

- ① Simplified **Calibration/QC** procedure, easier to use
- ② All consumables support non-stop loading,
7x24h consecutive work-time
- ③ Independent **STAT** sample position
- ④ **Auto** decapping & recapping
- ⑤ Whole blood, capillary blood **auto** mixing

Superior Efficiency

- ① Support **capillary blood, whole blood**, serum, plasma
- ② **70** sample positions, **12** reagent positions
- ③ Throughput **200T/H**, time to first result **9** min
- ④ **0.4m²** footprint
- ⑤ **18.5**-inch touchscreen

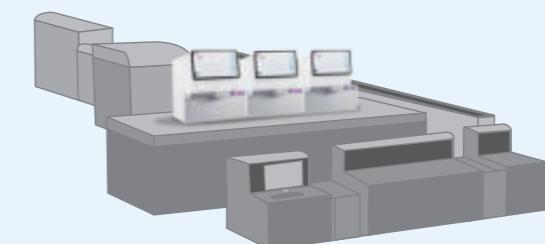
Reliable Results

- ① Direct Chemiluminescence Immunoassay (CLIA) ,
<1pg/ml sensitivity, **CV<3%** precision
- ② Built-in **HCT** module, automatic calibration of
whole blood & capillary blood result
- ③ Lotus leaf bionic nano-coating on probe needles,
0.1PPM carryover rate
- ④ **5±0.5ul** accurate pipetting, allowing microsample
quantification

Support between-analyzer connection



Support lab automation track connection



Test Menu

WB - Whole blood

CB - Capillary Blood

S - Serum

P - Plasma

Cardiac

hs-cTnT	WB/S/P
hs-cTnl	WB/S/P
NT-proBNP	WB/S/P
BNP	WB/S/P
MYO	WB/S/P
CK-MB	WB/S/P
D-Dimer	WB/P
Lp-PLA2	WB/S/P
ST2	WB/S/P
HCY	S/P

Inflammation

PCT	CB/WB/S/P
IL-6	CB/WB/S/P
* CRP	CB/WB/S/P
* SAA	CB/WB/S/P
HBP	P

Hypertension

* Cortisol	WB/S/P
* ACTH	WB/P
* Renin	P
* ALD	S/P

Cytokines

IL-6	CB/WB/S/P
IL-8	S
IL-10	S
TNF α	S
IL-1 β	S
IL-2R	S

Thrombotic Disease

TAT	WB/P
PIC	WB/P
TM	WB/P
tPAI-C	WB/P
D-Dimer	WB/P
FDP	WB/P

Preeclampsia

PIGF	WB/S/P
sFlt-1	WB/S/P

Anemia

VB12	S/P
Ferritin	CB/WB/S/P
Folate	S/P
◆ RBC folate	CB/WB
sTfR	CB/WB/S/P
* Transferrin	CB/WB/S/P

Gastric Function

G-17	S/P
PGI	S/P
PGII	S/P

Cerebral Injury

S100 β	WB/S/P
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Glycometabolism

C-peptide	S
Insulin	S
◆ HbA1c	WB/CB

Fertility

AMH	S
HCG/ β -HCG	WB/S/P
FSH	S
LH	S
PRL	S
PROG	WB/S/P
E2	S
TEST	S

Thyroid

◆ TSH	S
TT3	S
TT4	S
FT3	S
FT4	S
Tg	S

Growth & Development

GH	CB/WB/S/P
◆ IGF-I	CB/WB/S/P
◆ IGFBP-3	CB/WB/S/P
Ferritin	CB/WB/S/P
25-OH VD	CB/WB/S/P

Bone Metabolism

* TP1NP	WB/S/P
* β -CrossLaps	WB/S/P
Osteocalcin	WB/S/P
iPTH	WB/S/P
PTH	WB/S/P
Calcitonin	WB/S/P
25-OH VD	CB/WB/S/P
* BAP (RUO)	CB/WB/S/P

Tumor

CEA	S
AFP	S
HE4	S
CYFRA 21-1	S
fPSA (RUO)	S
tPSA (RUO)	S
SCC	S
NSE	S
CA 125	S
CA 15-3	S
CA 19-9	S
ProGRP	S

Alzheimer's Disease

* P-tau-181	P
A β 1-42	P
* A β 1-40	P
P-tau-217	P
GFAP	P
NfL	P

◆ Support Dried Blood Spot (DBS) sample collection

* Currently under development

For Better Diagnosis



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