

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

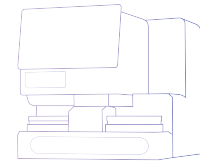


A6i Fully-Auto Chemiluminescence Immunoassay Analyzer

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



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



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



Reliable Results

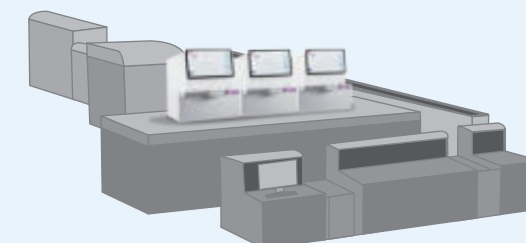
- ① Direct Chemiluminescence Immunoassay (CLIA) ,
<1pg/ml sensitivity, CV<**3%** precision
- ② Built-in **HCT** module, automatic calibration of
whole blood & capillary blood result
- ③ Lotus leaf bionic nano-coating on probe needles,
0.1PPM carryover rate
- ④ **5±0.5ul** accurate pipetting, allowing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

S100β	WB/S/P
-------	--------


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
Aβ 1-42	P
* Aβ 1-40	P
P-tau-217	P
GFAP	P
NfL	P

 Support Dried Blood Spot (DBS) sample collection

* Currently under development

For Better Diagnosis



For Better Diagnosis

Nanjing RealMind Biotech Co., Ltd.

4th floor, Bldg. A5, Maple Science Park, Nanjing Economic
and Technological Development Zone, Nanjing, Jiangsu,
210033 CHINA

Tel: 86-25-69579511

Email: sales@realmindbio.com

Web: www.realmindbio.com

(Attach business card here)

This brochure is intended for internal use only.
Reprint, copy, and distribution are not allowed without permission from RealMind Biotech.