



AutoLumo A1000

AUTOMATIC CHEMILUMINESCENCE
IMMUNOASSAY SYSTEM



Advantages:

- Pipette Probe without Tips Consumption
- High Walkaway Capacity
- Large and Continuous Sample Reaction Vessel Loading System
- User-friendly Interface

Specifications:

- Throughput: up to 100T/H
- Time to 1st result: approximate 40mins
- Sample dilution factor: usually <50 level detection and clot detection Anti-collision & warning for air suction and blocking supported
- Substrate vial volume: 100 ml per bottle Temperature: 42 C \pm 0.5 C, constant heating Substrate pipetting CV: < 2% at 50 μ l
- Carry-over: <1ppm
- Precision: <3% (5 μ l) and < 1% (100 μ l) Incubation temperature: 37 C \pm 0.5 $^{\circ}$ C Reaction mode: 1 step and 2 steps
- Size (W*D*H, mm): 1470*835*690 Weight: approximate 222 kg
- Power supply: AC 100-240V, 50/60Hz, 1000VA
- LIS communication: based on RS232 port



Menu Items:

Tuberculosis

TB-IGRA

Allergy

IgE

Growth Hormone

IGF-1

HGH

Tumor marker

AFP

CEA

CA50

CA125

CA15-3

CA19-9

Ferritin

B-2-Microglobulin

CA72-4

SCCA

NSE

CYFRA21-1

tPSA

HE4

CA242

Pepsinogen I

Pepsinogen II

Thyroid

T3

T4

TSH

FT3

FT4

Anti-TG

Anti-TPO

TG

PTH

Bone Metabolism

Osteocalcin

Calcitonin

25-OH Vitamin D

PTH

Hepatofibrosis

Col IV

PIIINP

HA

LN

Inflammation Monitoring

hs-CRP

PCT

IL-6

TORCH

Toxo IgM

CMV IgM

Rubella IgM

HSV-1 IgM

HSV-2 IgM

Toxo IgG

CMV IgG

Rubella IgG

HSV-1 IgG

HSV-2 IgG

Cardiac Markers

MYO

cTnI

CK-MB

NT-proBNP

Infectious Diseases

HEV IgM

HEV IgG

Hypertension

Aldosterone

ACTH

Cortisol

Renin

Angiotensin II

Pre-Natal

β -hCG

P-AFP

uE3

PAPPA-A

Endocrine Hormone

LH

FSH

PRL

Testosterone

E2

PRG

DHEA-S

SHBG

17 α -OHP

AMH

Diabetes

Insulin

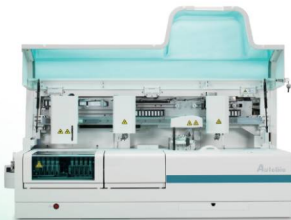
C-Peptide

Anemia

Ferritin

Folate

Vitamin B12



Imported and Distributed by:

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AutoLumo A2000 Plus

AUTOMATIC CHEMILUMINESCENCE
IMMUNOASSAY SYSTEM

Specifications:

Throughput: up to 200T/H
Time to 1st result: approximate 40 mins
RV loader capacity: 1000 pcs
Sample loading capacity: 100

Sample pipette volume: 5-150ul
STAT available
Sample dilution factor: 10-100
Liquid level detection and clot detection

Onboard reagent capacity: 24 racks
Onboard reagent storage: 4-10° C
Real-time replacement of reagent (by appointment)
Reagent residue calculation: by the test number left

Substrate: Substrate A+B
Substrate volume: 100ml for each
Substrate pipetting volume: 50ul fixed, CV<2%
Substrate switching: 2 sets of substrates available
on board by automatic switch

Carry-over: <1ppm
Incubation temperature: 37 °C ± 0.5 °C
Reaction mode: 1 step and 2 steps

Size (W*D*H, mm): 1374*950*1200
Weight: approximate 390kg

Power supply: AC 100-230V, 50/60Hz,
800VA

Working temperature: 18-30 °C
LIS communication: based on RS232 port



Menu Items:

Tuberculosis

TB-IGRA

Growth

IGF-1
HGH

Tumor marker

AFP
CEA
tPSA
CA50
fPSA
CA125
CA15-3
CA19-9
Ferritin
β 2-Microglobulin
NSE
CYFRA 21-1
SCCA
CA72-4
CA242
HE4
ProGRP
Pepsinogen I
Pepsinogen II

Endocrine Hormone

LH
FSH
PRL
Testosterone
E2
PRG
DHEA-5
SHBG
17a-OHP
AMH

Thyroid

T3
T4
TSH
FT3
FT4
Anti-TG
Anti-TPO
TG
PTH

Hypertension

Aldosterone
ACTH
Cortisol
Renin
Angiotensin II

Bone Metabolism

Osteocalcin
Calcitonin
25-OH Vitamin D
PTH

Pre-Natal

β-hCG
P-AFP

Inflammation Monitoring

hs-CRP
PCT
IL-6

Cardiac markers

MYO
cTnl
CK-MB
NT-proBNP

TORCH

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

Infectious disease

HEV IgM
HEV IgG

Hepatofibrosis

Coli IV
PIIINP
HA
LN
Cholyglycine

Anemia

Vitamin B12
Folate
Ferritin

Diabetes

Insulin
C-Peptide

Allergy

tIgE

