



Always ready to run!

AIA[®]-360 The special one



AIA[®]-360 Automated Immunoassay Analyser • Better Diagnostics for Better Living

TOSOH BIOSCIENCE

Immunossay testing: **what are your**

In the current clinical environment, your lab is facing a number of different strategic challenges. Your immunoassay solution therefore needs to meet all of your expectations, from clinical performance to financial goals.



r lab's special needs?

-1-

LAB SPACE



To optimise your space, do you need a small machine that fits easily on the counter?

-2-

RESPONSE TIME



To improve your reactivity, would a 20-minute test response time help?

-3-

LAB COSTS



To reduce your costs, do you need less hands-on time, and lower reagent and waste handling costs?

-4-

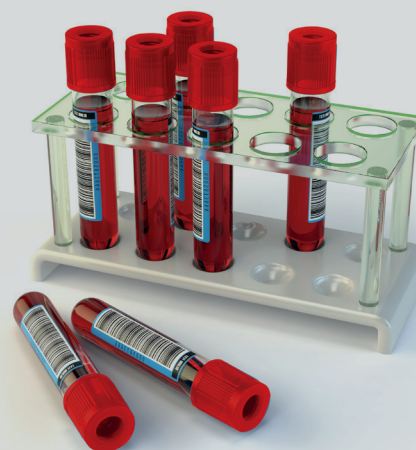
UNEXPECTED SITUATIONS



To get quick, reliable and high quality results every time, could you use a solid machine?

For the special sample types, special test requests, and patients' special conditions, a standard solution might not be the right answer for you.

You need a special immunoassay system...



AIA®-360: comprehensive design s

| specially **RELIABLE**

- Calibration stability: **90 days**
- **Biotin-free tests** = no biotin interference
- Error-free: automatically checks if reagent cup corresponds to test required
- **24/7 testing** reliability
- **Traceability** of all samples and data

| specially **COMPACT**

- **Compact for small places**
- No computer
- Includes printer and prints patient results in real time for easy review and traceability, with or without LIS connection
- **Can run just about anywhere**
- Common reagents easily accessible from the tray attached to the instrument
- Sensors signal when reagents running low or when waste needs to be emptied



CAN RUN
ANYWHERE



COMPACT
FOR SMALL PLACES



BIOTIN-FREE
TESTS



24/7 TESTING
RELIABILITY



specially for you

specially **SIMPLE**

- Start up in less than 10 minutes
- Friendly operator interface
- **Limited maintenance**
- No need for test programming
- **Easily transportable**
- Connected to LIS or similar

LIMITED
MAINTENANCE



TRANSPORTS
EASILY



SET UP IN
5 MINUTES



1 AIA-PACK
= 1 TEST



specially **EFFICIENT**

- Set up in **5 minutes**
- Always ready to run
- **1 AIA-PACK® = 1 test**
- Real throughput of **36 tests/hour**
- Continuous loading of additional samples and tests without interrupting processing
- Handle primary samples: load bar-coded primary tubes and test cups directly into the system
- Sample handling time in less than 1 minute
- Delivers results in real time
- Japanese quality inside



AIA®-360: On-demand, reliable



Step 3



Step 1



Step 2

e results... in only **3 steps**



1

Step 1

Sample in

2

Step 2

Test cup in

3

Step 3

Press start!

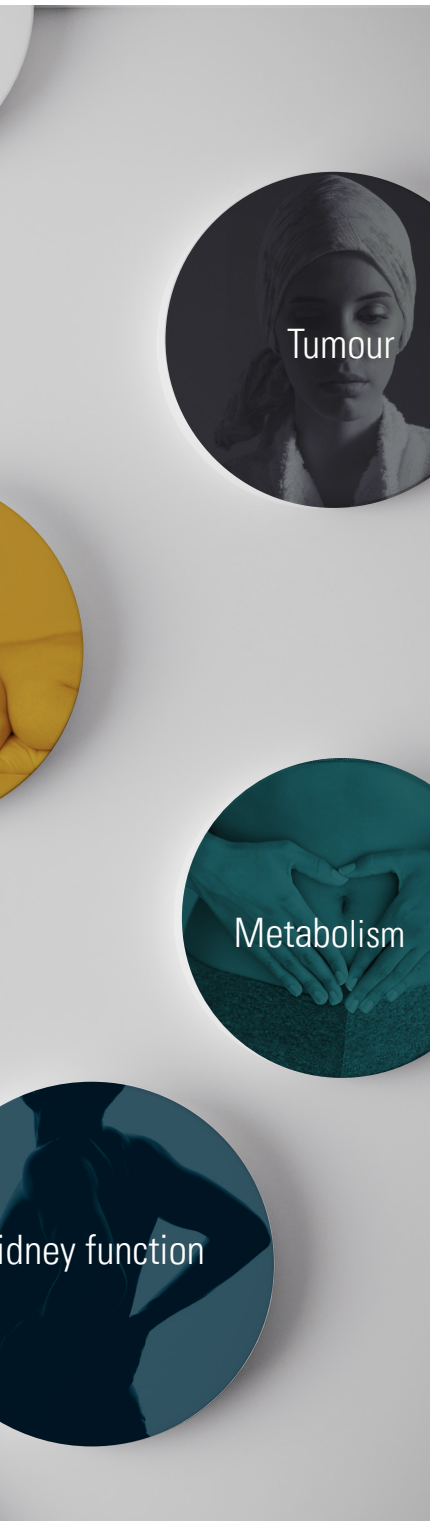
- 1 AIA-PACK® = 1 test
- 90-day calibration stability
- Freeze-dried reagents give each AIA-PACK® a long shelf-life
- Require a 10-minute incubation time, delivering the first result within 20 minutes
- Unit Dose Test Cup reagent technology requires no on-board refrigeration, no pre-mixing and no pre-measuring
- Low risk for contamination or carry-over between samples and reagents



AIA-PACK®: **exclusive individual tes**



Best concept, always ready to run

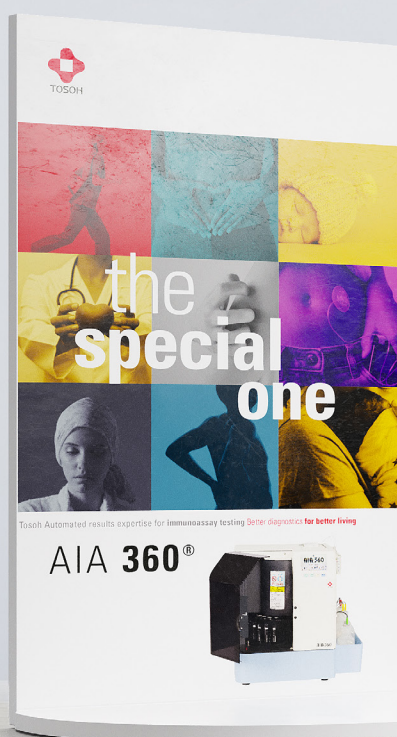


Emergency
Thyroid
Cardiac
Diabetes
Tumour
Fertility
Allergy
Metabolism
Anaemia
Kidney function
Lung function

- 1 AIA-PACK® = 1 test
- Freeze-dried reagents give each AIA-PACK® a long shelf-life
- The complete assay (incubation, wash and detection) is carried out in the AIA-PACK®.
- The single cup per test combined with low volume consumption of reagents means with Tosoh you can manage and predict your consumption.



Immunossay testing: **a new perspective**



**Ask for a
demonstration
to see
how it works
for you!**



Active for your lab

For your peace of mind and that of your patients, trust Tosoh's automated results expertise.

SPECIFICATIONS

Method

| | |
|------------------------------|-----------------------------------|
| Reagent type | AIA-Pack® |
| Test principle | 1 AIA-Pack® = 1 test |
| Immunochemical determination | Entirely inside AIA-Pack |
| Signal detection | Bichromatic Fluorescence Kinetics |

Capacity

| | |
|--------------------------------------|----------------------|
| Time to first result | 18 minutes |
| Sample loading capacity | 25 |
| Number of different tests per sample | 4 |
| Test loading capacity | 25 (if 1 per sample) |
| Calibration stability | 90 days |
| Average walk-away time | 40 minutes |
| Test selection and arrangement | Manual |
| Results per hour* | 36 |

Sampling

| | |
|-------------------|--|
| Sample probe type | Fixed probe (carryover <10 ⁻⁶) |
| On-board dilution | No |

Maintenance

| | |
|--------------------------|------------|
| Start-up time | 5 minutes |
| Daily maintenance time | 5 minutes |
| Weekly maintenance time | 5 minutes |
| Monthly maintenance time | 10 minutes |

Software

| | |
|-----------------------|--------------|
| Software | Built-in |
| Operational interface | Touch screen |
| Result transfer | RS232C |
| Internal storage | 800 results |

Dimensions

| | |
|--------|-------|
| Length | 40 cm |
| Depth | 40 cm |
| Height | 52 cm |
| Weight | 29 kg |

* with continuous loading





AIA[®]-360

ON-DEMAND TESTING
ANYTIME, ANYWHERE, FOR ANYONE

1.

Simple and flexible
workflow for 24/7 testing
reliability.

2.

Always ready to run.
Always available.

3.

Special automated
immunoassay analysis,
just for you.

AIA[®]-360 Automated Immunoassay Analyser • Better Diagnostics **for Better living**

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