



*Always ready to run!*

# AIA<sup>®</sup>-360 The special one

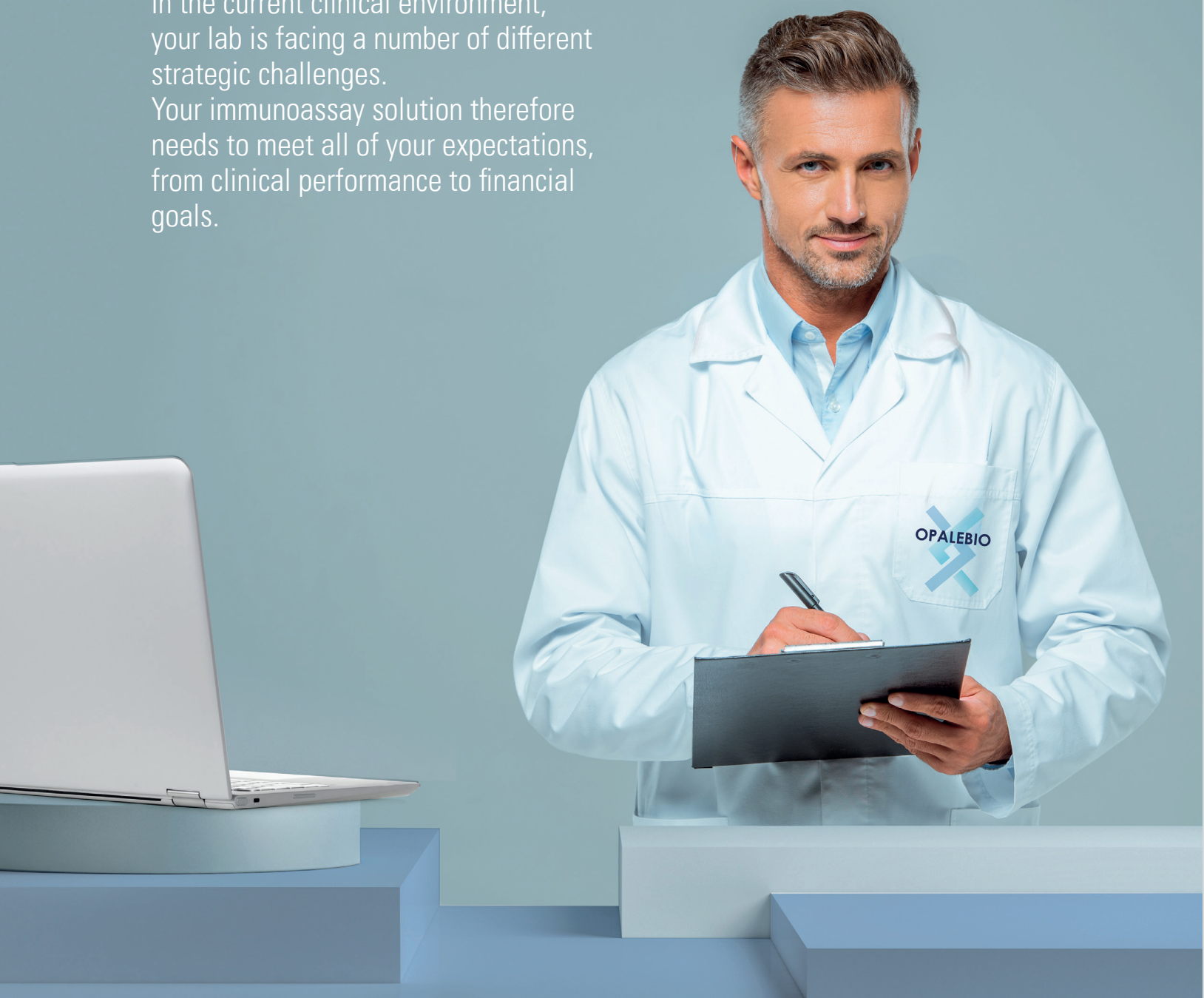


AIA<sup>®</sup>-360 Automated Immunoassay Analyser • Better Diagnostics for Better Living

## 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-

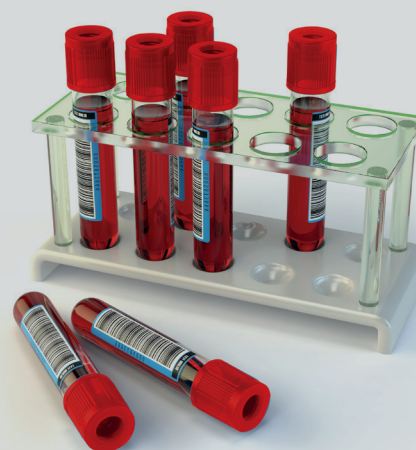
## UNEXPECTED SITUATIONS



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



**TOSOH**  
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

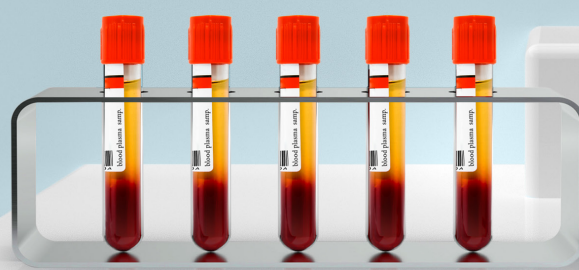




# AIA®-360: On-demand, reliable



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

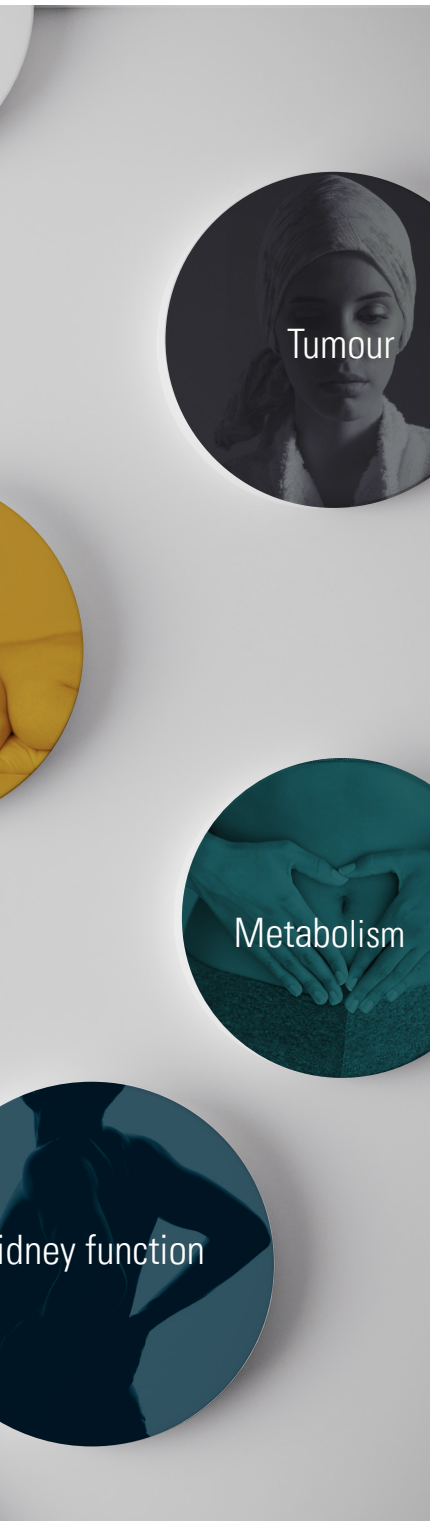


# AIA-PACK®: **exclusive individual tes**





# Best concept, always ready to run

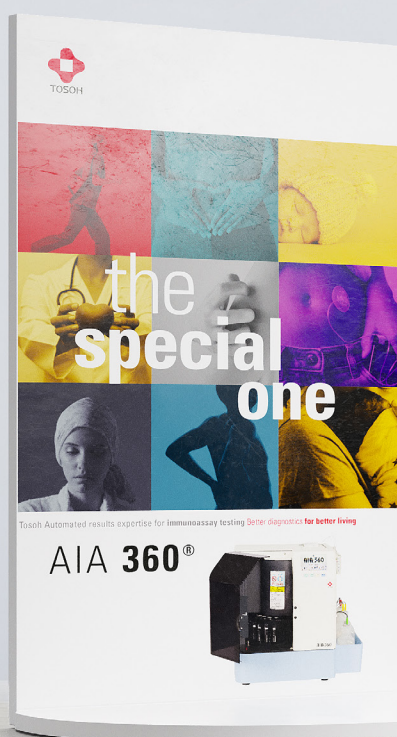


Emergency  
Thyroid  
Cardiac  
Diabetes  
Tumour  
Fertility  
Allergy  
Metabolism  
Anaemia  
Kidney function  
Lung function

- 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 <sup>-6</sup> )
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<sup>®</sup>-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<sup>®</sup>-360 Automated Immunoassay Analyser • Better Diagnostics **for Better living**

**TOSOH EUROPE N.V.**  
sales-marketing.tsen@tosoh.com