

Immunochemistry

Advanced ECLIA Technology



The lifeline to better health

We are constantly developing innovative In-Vitro Diagnostic solutions to accurately uncover the truth hidden in a single drop of blood. Our actions help to understand the known and discover the unknown, leading to the earliest detection, treatment and monitoring of the health of patients all over the world. Our cutting-edge In-Vitro Diagnostic solutions provide the lifeline that connects doctors and clinicians to their patients to deliver a positive health outcome.

For Over 38 Years

We Connect Healthcare Professionals with European Quality & Innovation in IVD

About us

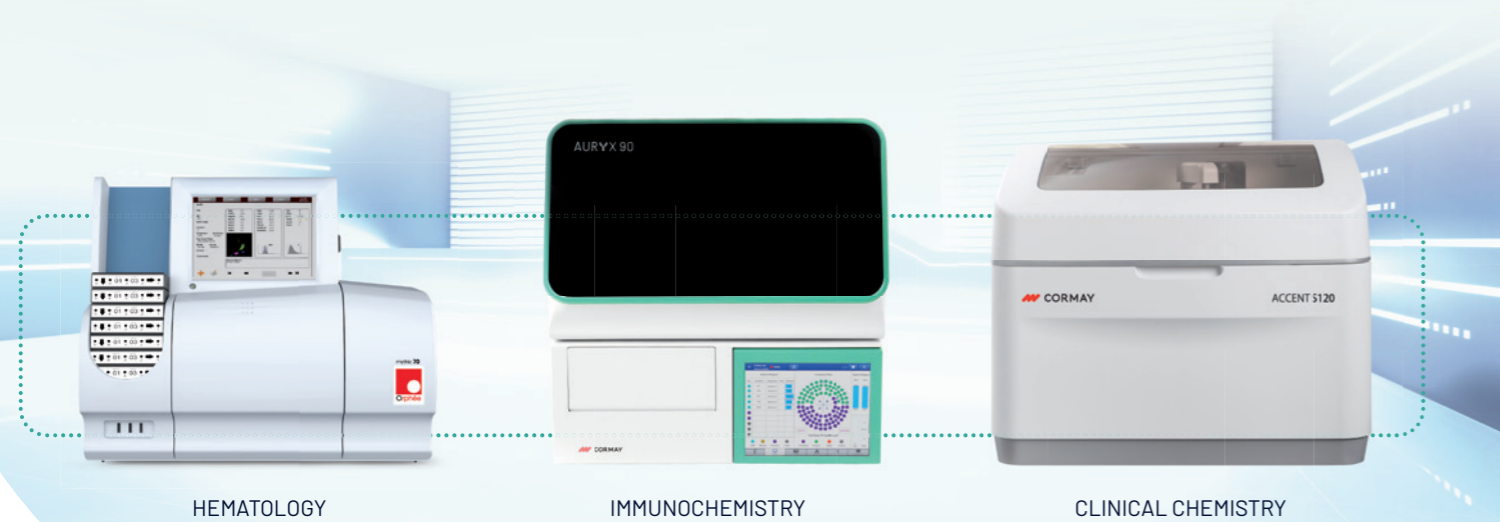
Cormay Diagnostics has a lot of experience and know-how in producing comprehensive range of market leading clinical chemistry and hematology reagents, together with innovations and patented technology have allowed us to deliver outstanding performance and reliability of our IVD solutions.

Our Cormay and Orphee IVD brands have become trusted by healthcare professionals from all over the world.

From blood analysis to comprehensive patient care

In Cormay Diagnostics we are constantly developing our product portfolio through different IVD segments to provide accurate and timely insights into various health conditions.

By providing advanced technology demanded by large laboratories, we make comprehensive and reliable tests affordable for small and medium-sized laboratories: from routine clinical chemistry screening tests, through 5+DIFF hematology blood tests, to specialized immunochemical tests.



Uncover the Secrets to Your Health

Our unwavering commitment to providing healthcare professionals with more effective test that guarantee consistent, high quality results and expert diagnosis ensures that patients around the world can count on a quick and healthy recovery.



Hematology

Diagnosis and treatment of diseases related to the blood cells production and function.



Immunochemistry

Focuses mainly on monitoring hormone levels and function of endocrine glands such as thyroid, gonads or pituitary. It also helps to diagnose and monitor cancer, cardiovascular, autoimmune or inflammation disease.



Clinical Chemistry

Tests offer a comprehensive window into human metabolism and organ function. We go further to monitor key substances, including glucose, lipids, electrolytes, enzymes, and specific proteins.



AURYX 90 | ECLIA Technology

Fully Automated Immunoassay System



- ✓ Excellent performance
- ✓ Simple to use
- ✓ Modern design

Accurate Diagnosis - Effective Treatment

Today more than ever, laboratory diagnostic is becoming more and more important.

To help with this we introduce the new product in our offer - **AURYX 90 Immunoassay System**, modern analyzer **with ECLIA technology** to ensure the high quality and reliable results.



Advanced and reliable
ECLIA Technology
CV under 10%



Fully automated
Save efforts
Avoid contamination



Comprehensive
59 parameters
10 panels



Easy to use
User friendly software
Minimize hands on work



RAPID
Only 9 min to get the first results
18 min for most test items



Compact size
Suitable for small
or mid-size hospital's and labs
No additional devices

Technology You Can Trust

When a diagnosis is accurate and made in a timely manner, a patient has the best opportunity for a positive health outcome because clinical decision making will be tailored to a correct understanding of the patient's health problem.

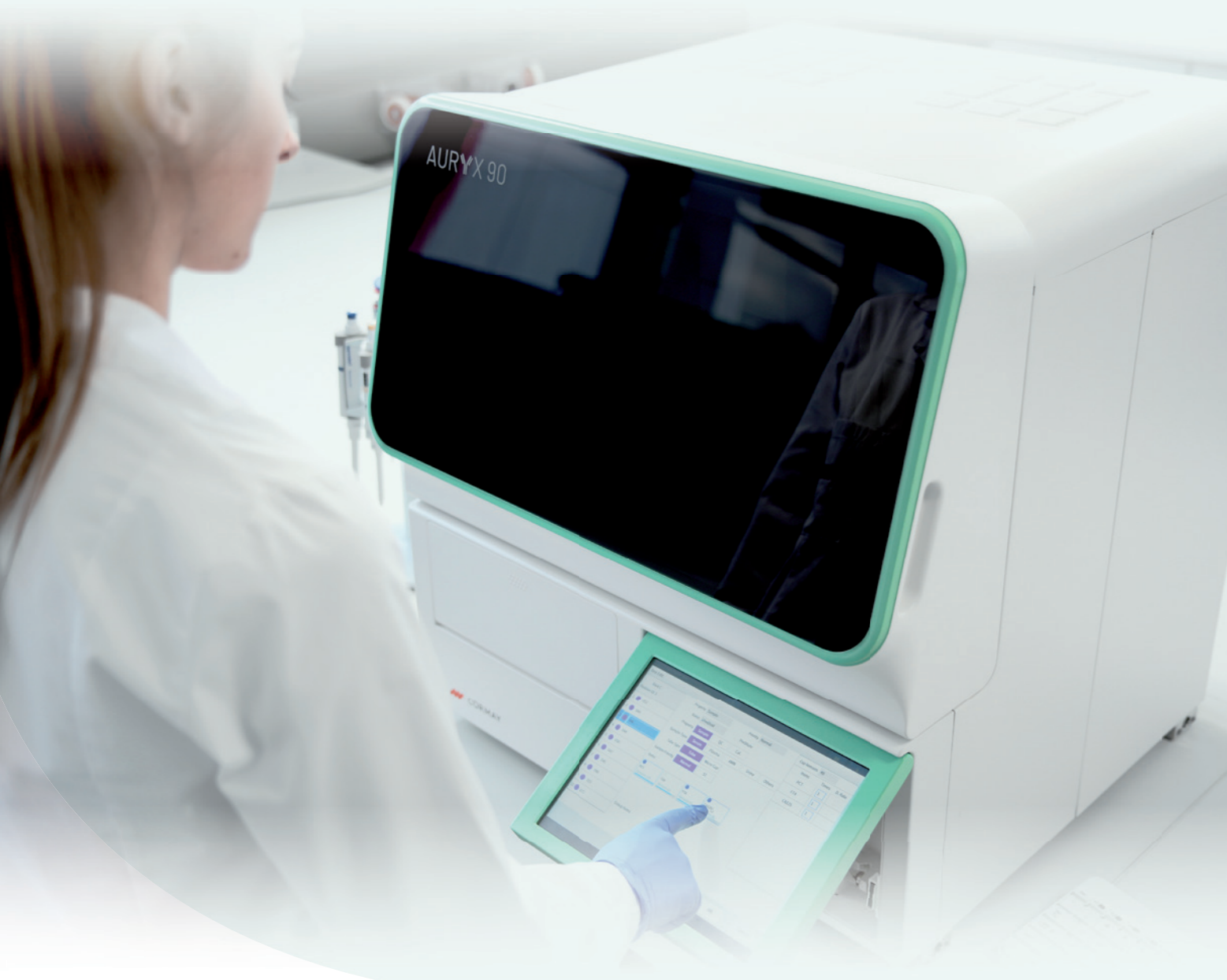
	Indirect CLIA	Direct CLIA	ECLIA
	TECHNOLOGY		
Signal Generation Time	Chemical +Light Induced	Chemical	Electrical
Antibody Label	Enzyme	Luminophore	Luminophore
	Low Stability	Stable	High Stability
Reaction Time	~15 mins	~1.5s	~0.1 s
Signal Control	None	None	Spacial & Temporal
Signal Type	Glow	Flash	Glow
Signal Intensity	Low	High	Highest
Signal to Noise	Low	High	Highest
Background	High	High	Low
	PERFORMANCE		
Sensitivity (TSH)	< 0,01 µIU/mL	<0,005 µIU/mL	< 0,005 µIU/mL
Precision (CE 125)	< 8%	< 5%	< 2,2%
Upper Linearity (β-HCG)	2000-2500 mIU/mL	~10000 mIU/mL	8000 mIU/mL
Time to First Result	18 - 45 mins	18 - 29 mins	9 - 18 mins
Sample Volume	10 - 200 ul	5 - 100 ul	5 - 100 ul

ECLIA Reliable and Fast Results

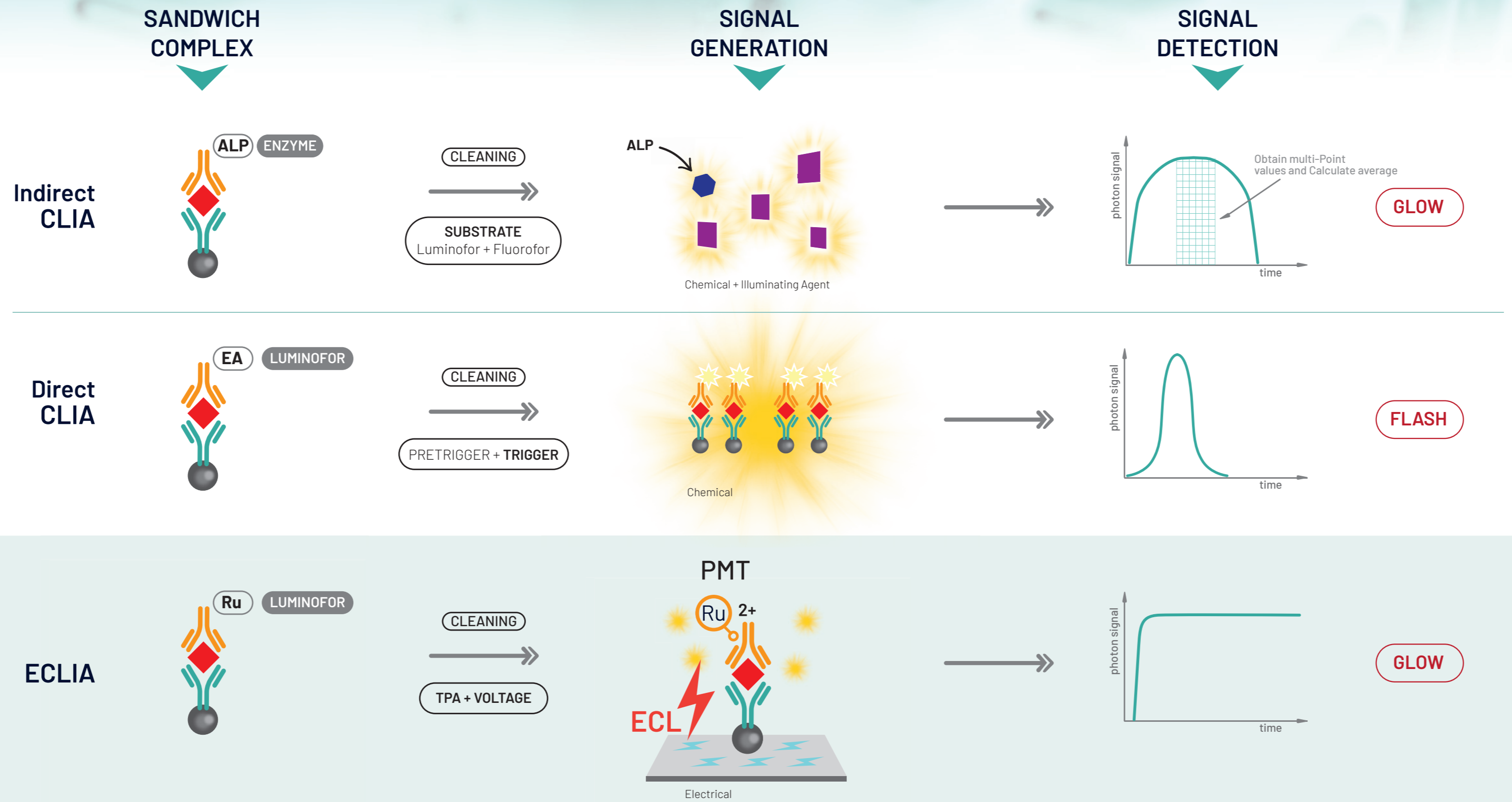
Improved Patient Care and Satisfaction

Implementing newer, more advanced systems with automated technology can improve operational efficiency, enabling better patient care, as well as reducing workflow requirements and freeing up staff for other, more critical tasks.

Diagnosis based on immunochemical testing enables appropriate clinical decisions to be made, potentially leading to more effective disease management strategies, ensuring high-quality care, and ultimately increasing patient satisfaction.



Advanced ECLIA Technology



ECLIA Benefits

Stable Ruthenium Complex

Strong, Controllable Optical Signal

Rapid Glow and Wide Signal Reading Window

ECLIA Delivers Performance

ECLIA stands as an advance solution, offering exceptional performance for diagnostic and research with its high precision and reliability.

The electrochemiluminescent signal is initiated by applying a voltage as a trigger. Excellent temporal and spatial control of light emission increases sensitivity, selectivity and reproducibility of tests.

Improved Sensitivity and Specificity
detecting analytes at very low concentration

Improved Precision
wide reading time window

Short Reaction Time
fastest results

Wide Measuring Range
less dilution and repetition



AURYX 90

Inside Structure



AURYX 90

Key Characteristics

- 1** **RFiD Card reader**
- Automatic loading of reagents info, calibration master curve and QR value



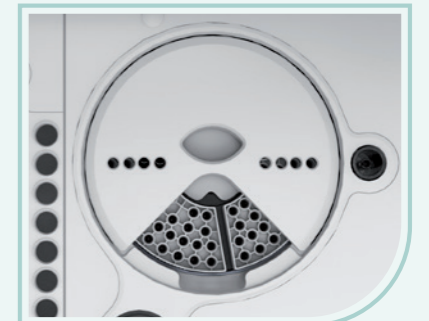
- 2** **Reagent module**
- Continuously 4-15 °C refrigerate
 - Non-stop Magnetic Bead Mixing



- 3** **Sample module**
- Independent barcode reader
 - STAT available in any position



- 4** **Incubation module**
- Constant 37 °C Incubation
 - Disposable Assay Cup



- 5** **Operator friendly system**
- Touch screen
 - LIS compatible
 - Windows 10 System



- 6** **Anti-contamination needle**
- Avoid carryover
 - Needle Blocking Detection
 - Sample Clot Detection
 - Anti-collision function



Confidence in Your Clinical Decisions

 Tumor Markers	 Cardiac Markers	 Fertility	 Thyroid	 Inflammation	 Anemia	 Glycometabolism	 Bone Metabolism	 Hepatic Fibrosis	 Gastritis
AFP CEA CA 125 CA 19-9 CA 15-3 CA 72-4 HE4 SCC NSE proGRP CYFRA 21-1	hs TnT STAT CK-MB STAT NT-proBNP STAT Myoglobin STAT D-dimer STAT cTnI Ck-MB NT-proBNP Myoglobin H-FABP Lp-PLA2	Total β -hCG Estradiol PROG TESTO PRL FSH LH AMH	TSH FT3 FT4 T3 T4 TG TBG Anti-TG Anti-TPO	IL-6 PCT hs CRP SAA	Folate Ferritin Vitamin B12	Insulin C-peptide	25-OH VD PTH CT	HA PIIINP CIV LN CG	PG I PG II Gastrin 17

59 PARAMETERS

Traceable to International Standards

18
months
the longest
shelf life

56
days
the longest
on board stability

28
days
calibrations
stability

5-100
 μ L
sample
volume



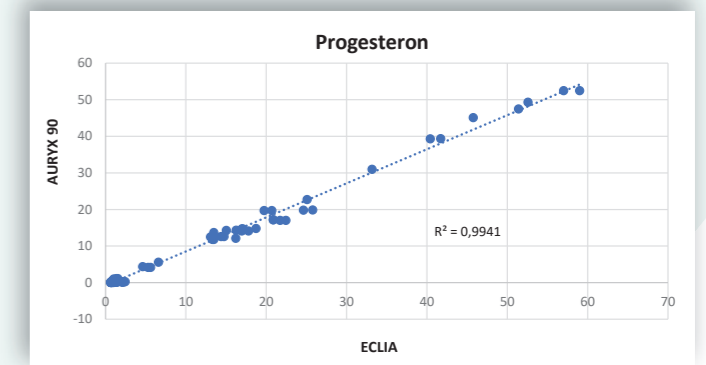
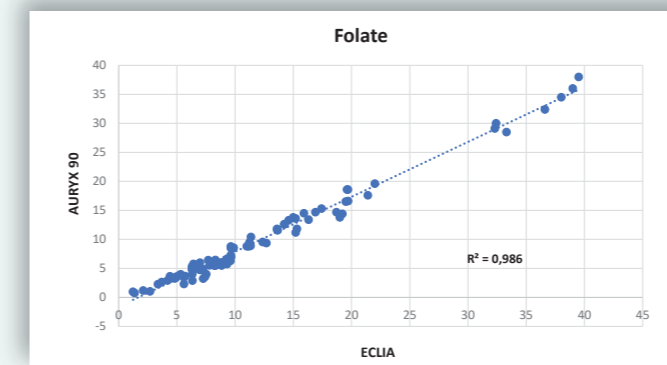
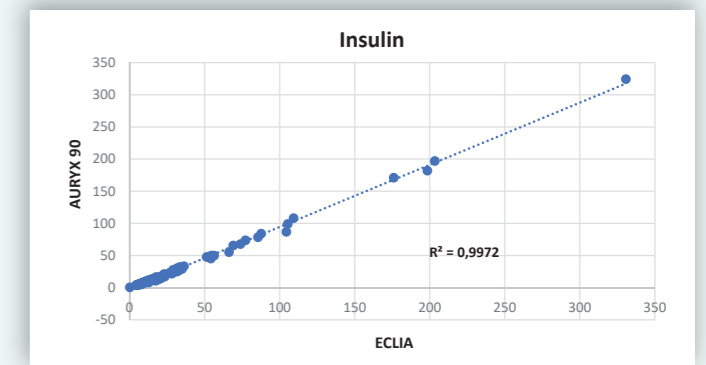
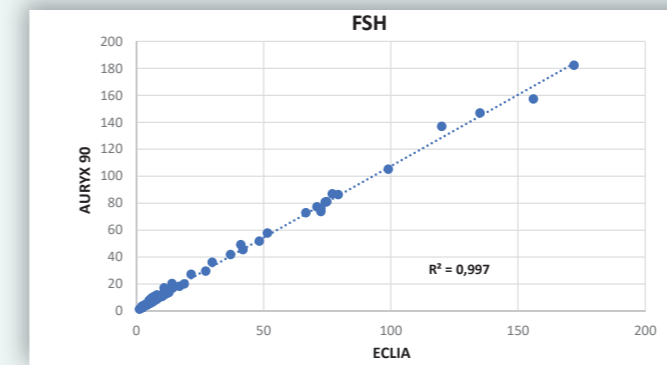
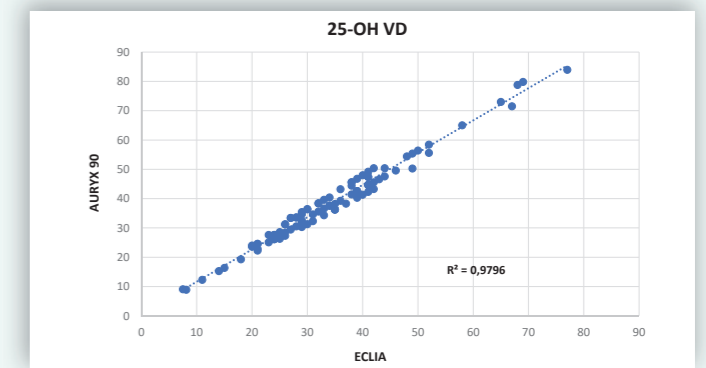
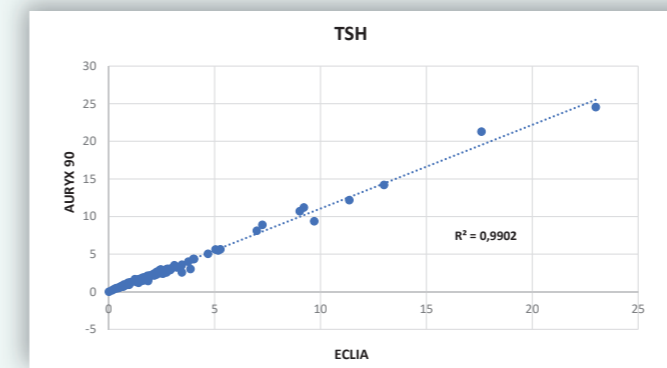


We care to deliver accurate tests results to change the quality of healthcare globally.

AURYX 90

Diagnostics Test Results You Can Trust

Outstanding correlation $R > 0,990$ to Market Leading ECLIA Technology for all patients of sex and age.



Join to thousands of
satisfied customers



Just scan the QR code
for more marketing materials



CLINICAL CHEMISTRY



HEMATOLOGY



VETERINARY



IMMUNOLOGY



URINALYSIS



RAPID TESTS


CORMAY


Orphée

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