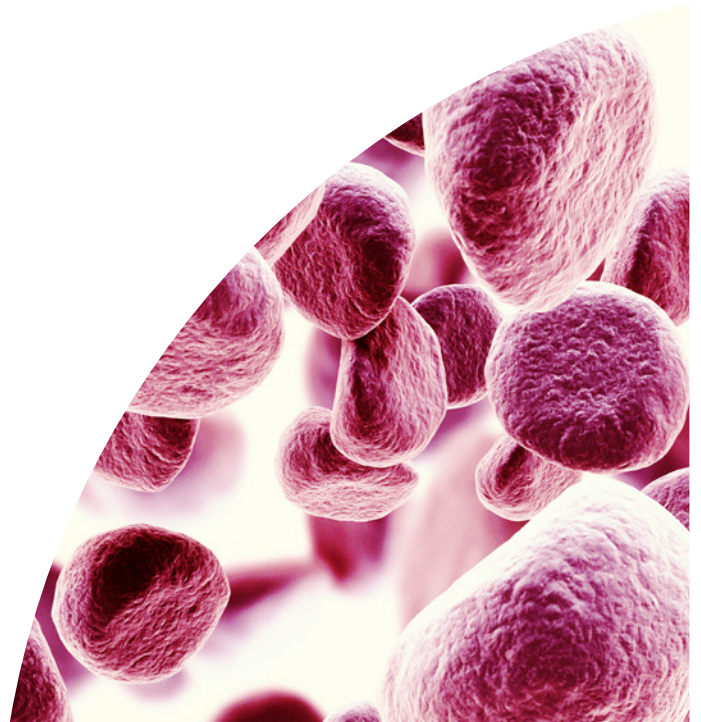




Orphée



# Hematology



## 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.

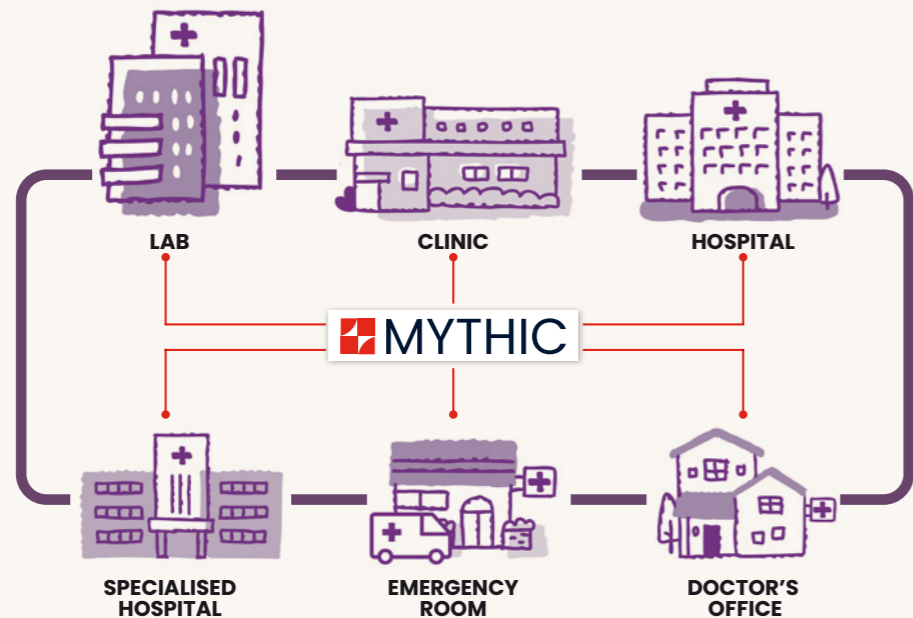
## For Over 35 Years We Connect Healthcare Professionals with European Quality & Innovation in IVD

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.

## Flexible Fit Mythic Family analyzers suits in wherever needed

Perfect solution for wide range of hospital and clinical laboratories, satellite labs for specialized diagnostics, testing in clinics, hematology and oncology hospitals. Useful as a backup analyzer regardless the size of the laboratory. Thanks to small footprint, ideal solution for limited space.



**We connect people** in need with tests that can help them in their fight for health.

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

# The MYTHIC™ Family Multi-Patented Hematology Analyzers

Continuous Investment in Innovation, Technology,  
Research & Development.



### Mythic 18

- ✓ 20 parameters
- ✓ 60 samples/hr
- ✓ low sample volume 9,6 µl



### Mythic 3 CRP

**NEW**

- ✓ 21 parameters + CRP
- ✓ 3 histograms
- ✓ 60 samples per h
- ✓ sample volume <20 µl
- ✓ LCD Touch- Screen 10"4
- ✓ built-in Thermal Printer
- ✓ pre-dilution mode

**3 DIFF TECHNOLOGY**



### Mythic 22 OT

- ✓ 24 parameters
- ✓ up to 50 samples/hr
- ✓ low sample volume 15,7 µl



### Mythic 22 AL

- ✓ 24 parameters
- ✓ up to 50 samples/hr
- ✓ low sample volume 18,2 µl

**TRUE 5 DIFF TECHNOLOGY**



UNCOMPROMISED  
PATIENT DIAGNOSIS



98% UPTIME



SIGNIFICANTLY REDUCED  
REAGENTS CONSUMPTION



IMPROVED  
LABORATORY EFFICIENCY

First launched in 2004, the Mythic family of hematology analyzers has become the flagship of our Swiss hematology company, Orphée. Simplistic in design, our compact Mythic analyzers feature superior technology offering unsurpassed TRUE 5 DIFF diagnostic performance, unstoppable reliability and cost savings.



### Mythic 70

**NEW**

- ✓ 29 parameters
- ✓ 70 samples/hr
- ✓ sample volume 17,5 µl
- ✓ 2 additional populations in pathologies
- ✓ dynamic clustering
- ✓ pre-dilution mode
- ✓ continuous loading



### Mythic 60

- ✓ 28 parameters
- ✓ 60 samples/hr
- ✓ low sample volume 15,6 µl
- ✓ 2 additional populations in pathologies
- ✓ dynamic clustering
- ✓ pre-dilution mode

**TRUE 5+ DIFF TECHNOLOGY**

# 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.

	Mythic 18	Mythic 3 CRP	Mythic 22 OT & 22 AL	Mythic 60 & 70
	IMPEDANCE 3 DIFF	IMPEDANCE 3 DIFF CRP + immunoturbidimetry	TRUE 5 DIFF Technology	TRUE 5+ DIFF Technology
GP/ Healthy	✓	✓	✓	✓
Viral Infections	✓	✓	✓	✓
Bacterial Infections	✓	✓	✓	✓
Inflammatory diseases		✓	✓	✓
Allergies			✓	✓
Parasites			✓	✓
Oncology				✓
Hematology				✓

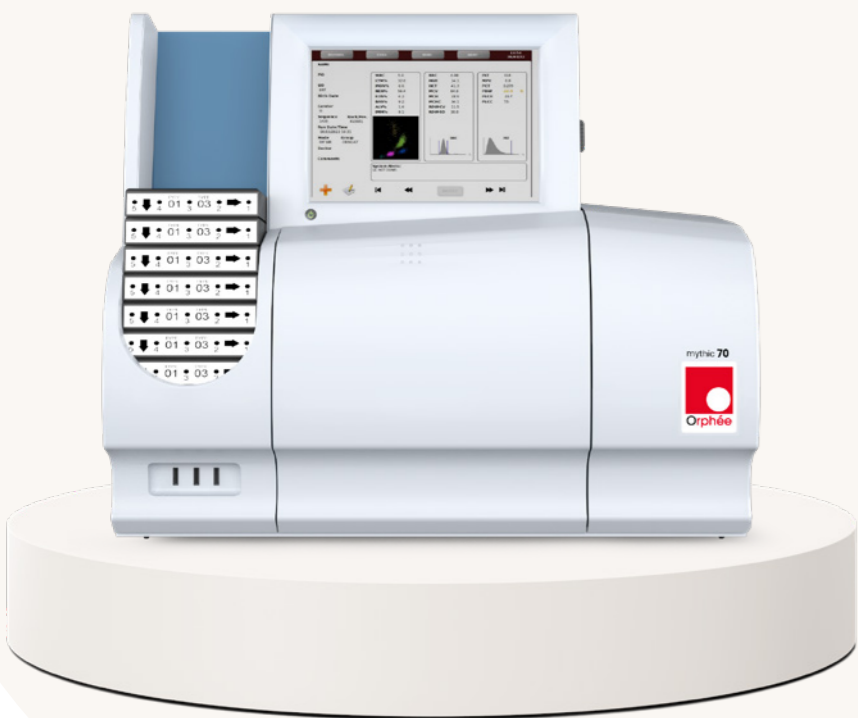


## Confidence In Your Clinical Decisions Trust MYTHIC™ Multi-Patented Optical Technology

At Orphée, we understand the significance of technology in delivering fast and accurate diagnostic test results. Interferences are strongly dependent on the patient's health and can be very different from patient to patient. Mythics' innovative, patented single cell measurement technology ensures TRUE 5 DIFF and TRUE 5+ DIFF performance. Multi-patented technology combined with our proprietary dynamic clustering algorithm delivers precise test results for confident diagnosis.

### 1 NATIVE CELLS MEASUREMENT FOR TRUE 5 DIFF SEPARATION

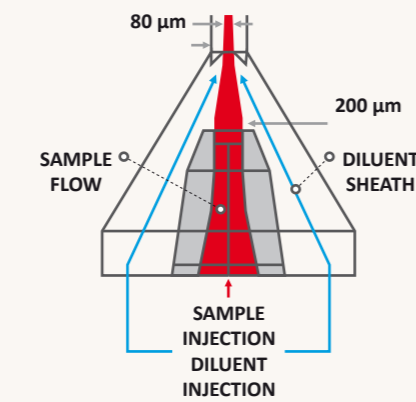
Blue-LED light source technology enhance scattering efficiency to reveal the finer cellular structure without damaging the cell. 445 nm wavelength improve differentiation, identification and separation of five WBC populations.



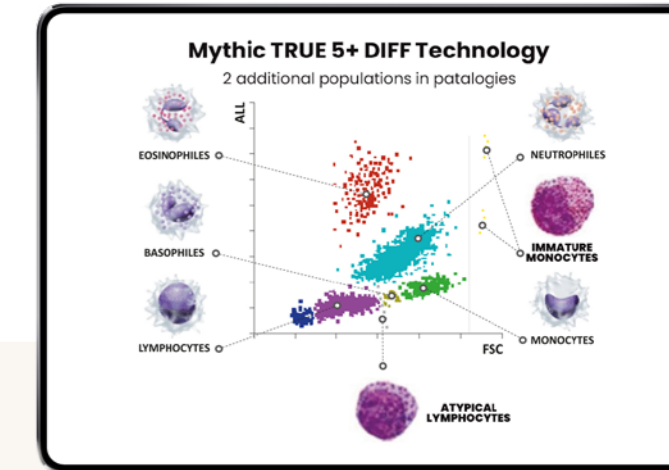
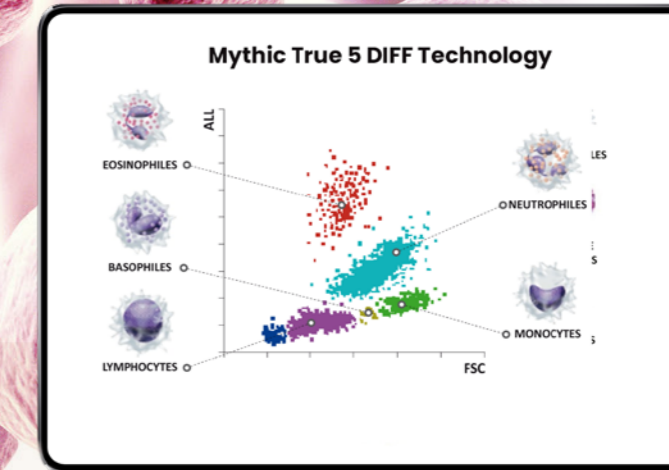
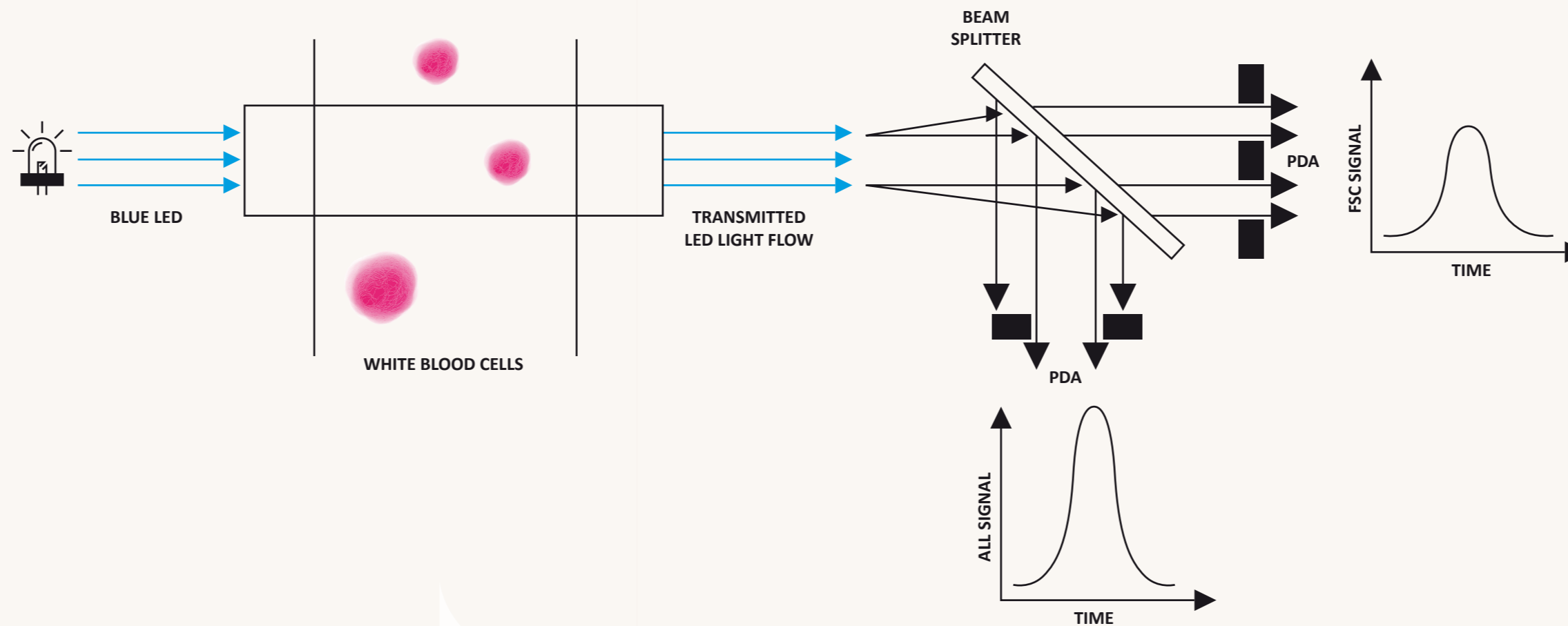
Patented OnlyOne lyse reagent destroys RBC and their stromas, composes the oxyhemoglobin chromogen and preserves WBC membrane to ensure measurement is performed on intact, native cells.

### 2 LED-BASED FLOW CYTOMETRY SINGLE CELL TRUE 5 DIFF TECHNOLOGY

Simultaneous measurements of light scattered in the Forward direction and Light Lost Axially of each cell crossing the interrogation zone generates the high definition matrix that enables high accuracy, direct measurement of each of the five WBC populations.

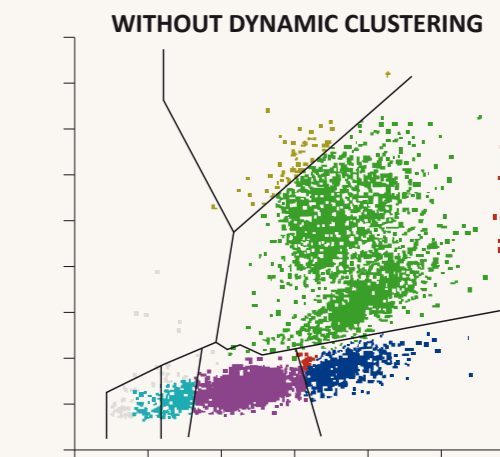


Patented hydrofocus flow cell and improved injector technology employs a diluent sheath to drive and maintain sample flow across the cuvette through the detection area while reducing cellular damage.



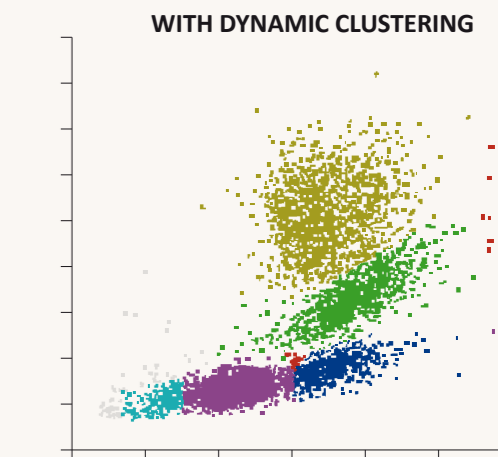
### 3 DYNAMIC CLUSTERING

Mythic's 70 propriety Dynamic Clustering Algorithm provides precise cellular classification specific to every patient's unique blood cells formation for accurate diagnosis. Dynamic clustering compensates for differences in WBC populations caused by variations in blood composition from patient to patient.



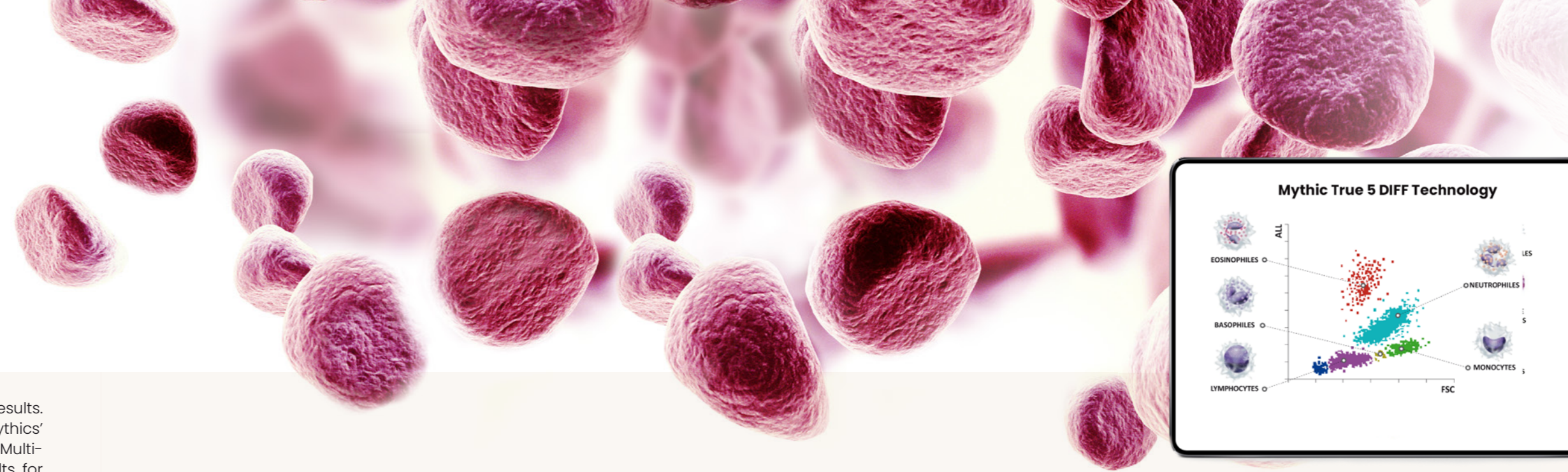
Incorrect thresholds lead to EOS incorrectly characterized as NEU resulting in a false "healthy" diagnosis.

LYM	30 %
MON	5 %
NEU	59 %
EOS	5 %
BASO	1 %



Dynamic Clustering automatically identifies the correct thresholds for each patient and helps avoid incorrect diagnosis. Dynamic Clustering recognizes pathology samples that otherwise could be falsely flagged as a "healthy".

LYM	30 %
MON	5 %
NEU	52 %
EOS	12 %
BASO	1 %



# Uncompromised, Comprehensive Results

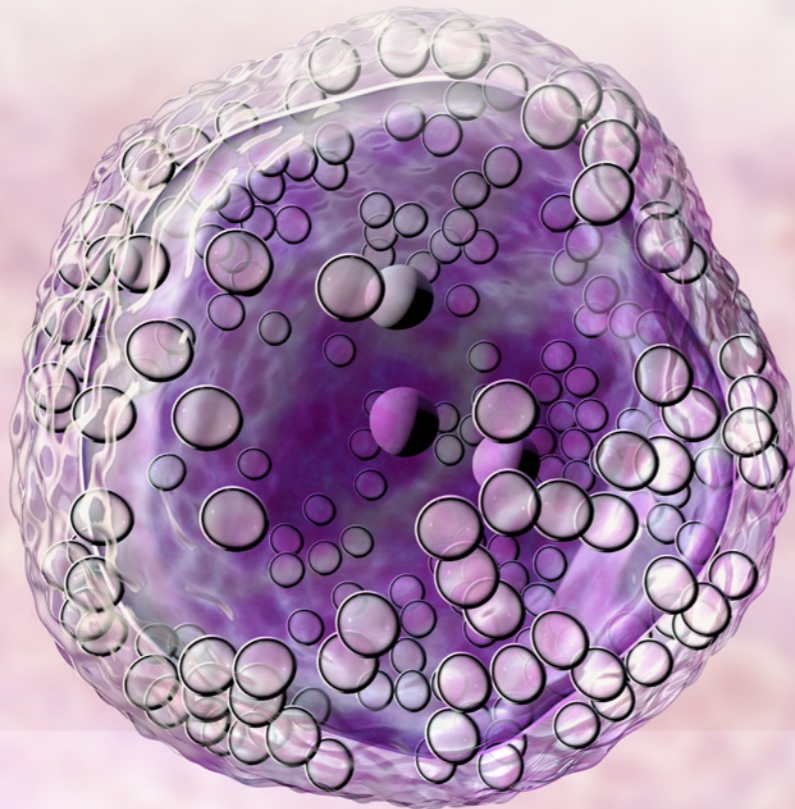
Mythics' world-class hematology analyzers ensure TRUE 5 DIFF even TRUE 5+ DIFF TECHNOLOGY, multi-patented technology for more precise results and confidence in patients' diagnosis. Triple counting combined with authentic, not calculated, optical identification of WBC, provides real 5-part hemanalysis and in pathologies provides TRUE 5+ DIFF. Innovative technologies deliver comprehensive results and excellent performance at the same time.

## Reliable 29 Parameters Results

Mythic 70 analyzer delivers reliable hematology results above standard 5-part differentiation, with additional information from advanced research parameters: ALY %, ALY #, IMM %, IMM # to achieve two additional White Blood Cells populations in pathologies. Expanded platelets and red blood cells analysis guarantee comprehensive results for doctors and patients.

WBC:		RBC:		PLT:	
WBC #		RBC		PLT	
LYM %	LYM #	HGB		MPV	
NEU %	NEU #	HCT		PDW*	
MON %	MON #	MCV		PCT*	
EOS %	EOS #	MCH		P-LCR*	
BASO %	BASO #	MCHC		<b>NEW</b> PLCC*	
ALY %*	ALY #*	RDW-CV			
IMM %*	IMM #*	RDW-SD			

\*Research Use Only Parameters

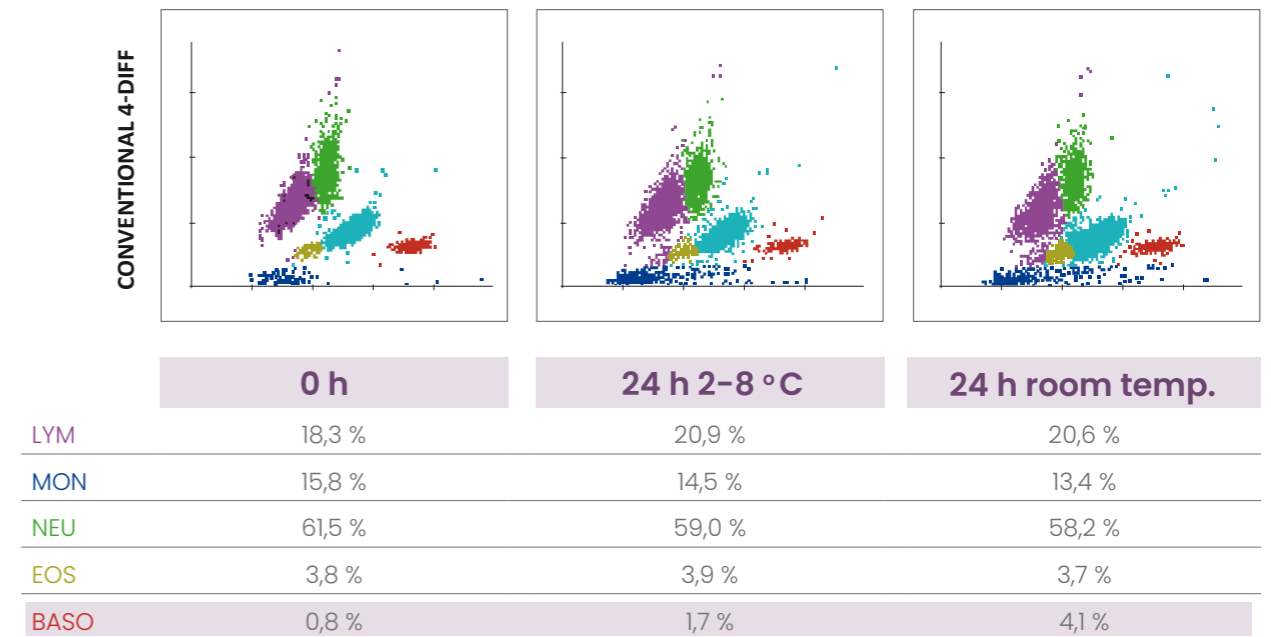


# Uncompromised, Diagnostic Test Results You Can Trust

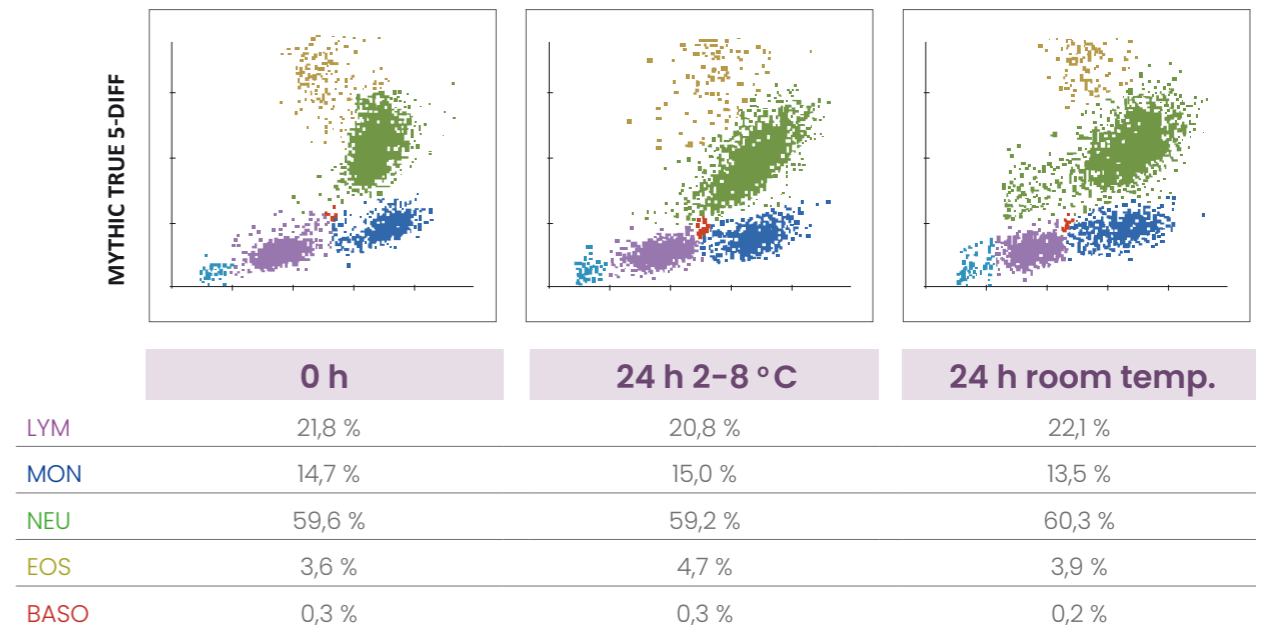
Orphée's innovative TRUE 5 DIFF technology combined with Dynamic Clustering intelligence ensure that when it comes to patient health, there is no compromise. Our Mythic's are designed to enhance your laboratory capabilities, producing high quality, accurate diagnostic test results in the most difficult of environments and on the most challenging patient samples.



Separation of WBC populations caused by temperature and time creates greater risk of incorrect cell type characterization. There is a greater potential for a "healthy" sample received for routine screening potentially being flagged as pathological.



Mythic's 70 ability to keep cellular structural damage to a minimum makes it less sensitive to the changes to the blood sample caused by temperature or aging while dynamic clustering adapts to the decay of cells to maintain high quality performance.



# Mythic 3CRP

## Enhanced Diagnostics Performance

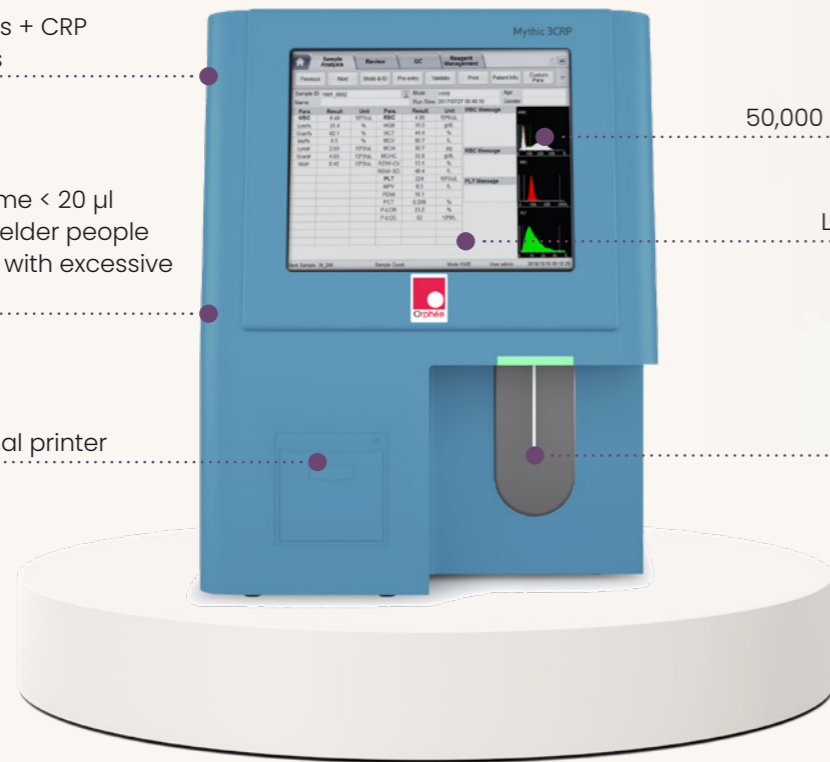
### Mythic's 2 in 1 COMPLEX SOLUTION

Simultaneously performs blood & CRP measurements for Fast, Accurate & Comprehensive Whole Blood Screening.

21 Parameters + CRP  
3 Histograms

Sample volume < 20 µl  
for Pediatric, elder people  
and patients with excessive  
blood loss

Built-in thermal printer



50,000 results with histogram

LCD touch screen 10.4

Throughput  
CBC: 60 S/H  
CBC+CRP: 45 S/H

SAVE SAVING

EASY OPERATION

COST SAVING

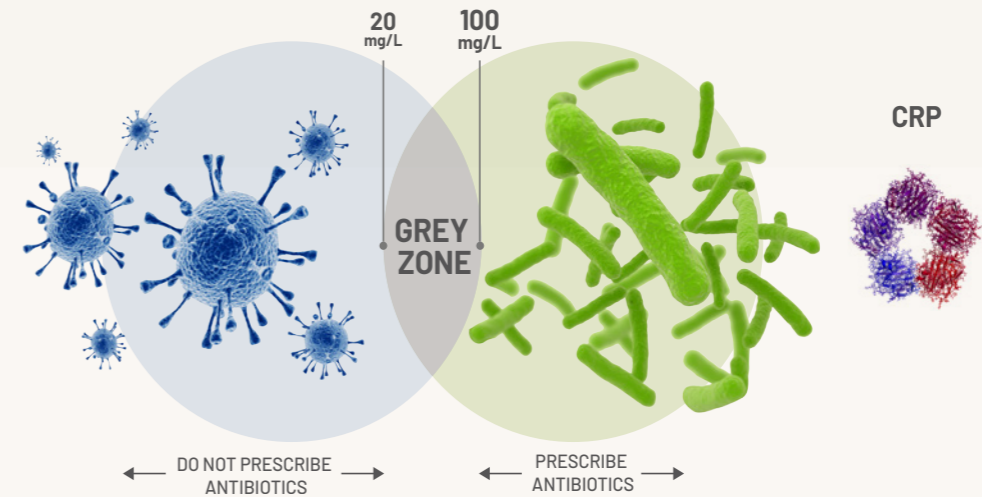
RELIABLE RESULTS

**>99%** Correlation to State of the Art Clinical Chemistry Analyzers  
CRP Diagnostic Test Results You Can Trust

# Mythic 3CRP

## Innovation That Plays A Leading Role In Reducing Antibiotic Resistance

Join 113 Countries and 40 Health Organisations by practicing antibiotic stewardship in support of the World Health Organisation's Call to Action on Antimicrobial Resistance (AMR) - 2021.



VIRAL INFECTIONS

BACTERIAL INFECTIONS

INFLAMMATORY DISEASES

Medical Practitioners can now consider not prescribing antibiotics for patients who are unlikely to suffer from bacterial infection, while ensuring that patients who do require antibiotic treatment receive the appropriate antibiotics, at the correct dose and for the proper duration.





## Extremely Economical Analyzers

Orphee's Mythic multi-patented technology not only delivers outstanding diagnostic performance but also has been proven to be very economical and reliable.

## Improved Laboratory Efficiency

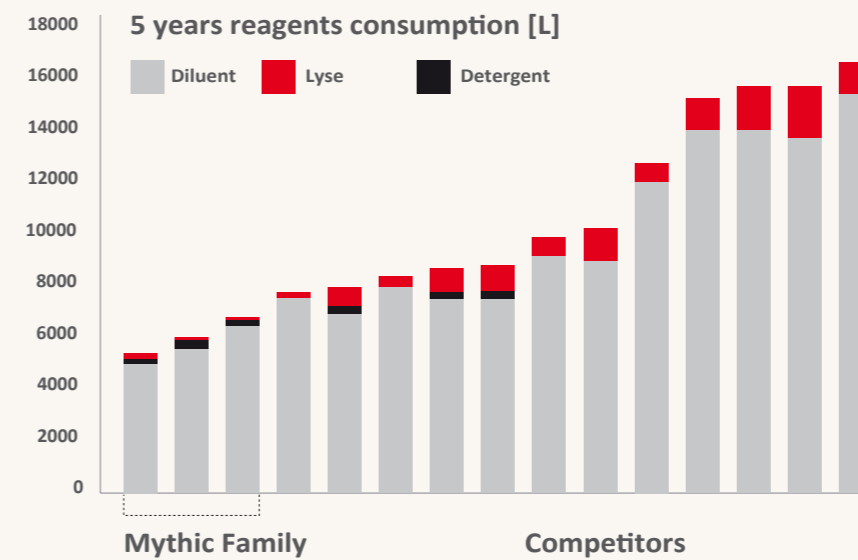
Patents reduce complexity of design and enhance longterm reliability. User friendly software does not create any problems for operators and makes hematology testing very fast, simple and easy.

- Small sample volume
- One preventive maintenance per year
- Reliable results
- Compact analyzers
- Modern design
- Reduced reagents consumption

## Your Cost Savings

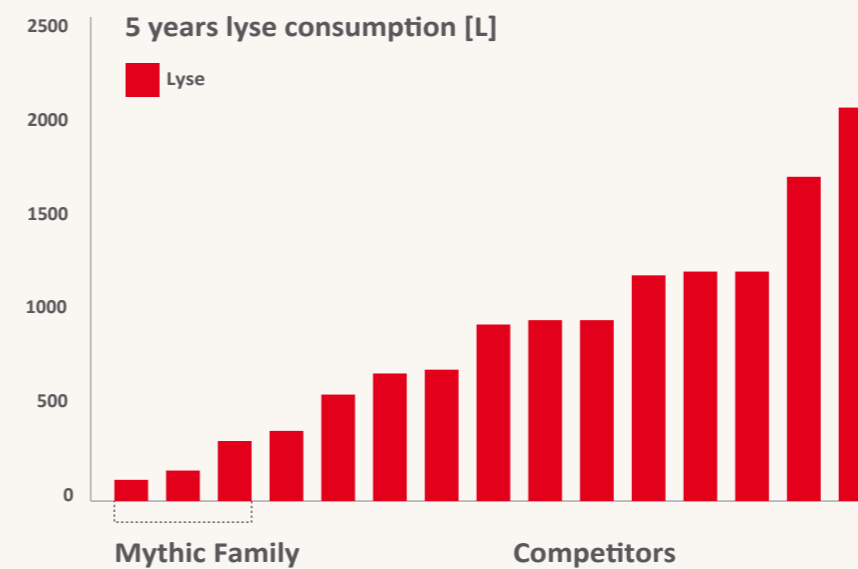
Mythic's patented technology reduces reagents consumption and related waste by thousands of liters without any compromise in the accuracy of your diagnostic test result. Extremely low sample volume saves precious blood and expensive control material. Our Mythics provide affordable hematology testing for everyone.

### Total reagents consumption up to 70% lower



Only 3 reagents used for low cost and environment protection.

### Lyse consumption up to 95% lower



OnlyOne non toxic cyanide and azide free lyse helps to save the world for next generation.

Join to thousands of  
**satisfied customers**



**Just scan the QR code**  
for more marketing materials



CLINICAL CHEMISTRY



HEMATOLOGY



VETERINARY



IMMUNOLOGY



URINALYSIS



PARASITOLOGY



RAPID TESTS

  
**CORMAY**

  
**Orphée**



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