

INTEGRAL SOLUTIONS IN **CLINICAL TESTING**



360°

 **eurofins**

Specialties
Clinical Diagnostics

**A TECHNICALLY EXCELLENT & CLINICALLY FOCUSED
ALTERNATIVE FOR LABORATORY MEDICINE SUPPORT**



EXPERIENCE

We are the leading operator of clinical testing in Spain, with a national network of laboratories and collection points, over 2,000 professionals and cutting-edge technology; we offer a comprehensive, reliable and accessible service throughout the country.



COMPREHENSIVE SERVICE

The *know-how* of our professionals allows us to provide support to all specialties of laboratory medicine.



FLEXIBILITY

High capacity to adapt to the requirements of each laboratory, from the pre-analytical to the post-analytical phase.



MEDICAL VALUE

Full involvement in laboratory medicine, offering clinical counselling and genetic counselling services, support for demand management and adaptation of diagnostic algorithms to laboratory requirements.



I+D+i UNIT

R&D&I department dedicated to technological updates and the development of proprietary systems.



PARTNERSHIP

Growth and support for our partner laboratories, with a wide range of training in different laboratory areas and agreements for collaboration on technology transfer.



EUROFINS REFERENCE L2L

INNOVATION & COMPREHENSIVE SUPPORT FOR LABORATORY MEDICINE

1 COMPREHENSIVE MEDICAL DIAGNOSTIC SERVICE

2 QUALITY, CERTIFICATES & ACCREDITATIONS

3 CONTINUOUS UPDATES IN GENETICS & DIGITAL ANATOMY

4 COMMITMENT TO TECHNOLOGY TRANSFER

5 OWN R&D&I PROJECTS

6 WEB MODULE FOR COMPREHENSIVE LAB-TO-LAB MANAGEMENT



1

Comprehensive medical diagnostic service



FULL COVERAGE OF ALL LABORATORY AREAS



INTEGRATED REPORTS



ONLINE GENETIC COUNSELLING & INTER-SPECIALIST CLINICAL COUNSELLING



ADDITIONAL TESTS



PERSONALISED SUPPORT TO MEDICAL PRACTITIONERS



B2B WEBSITE | FULL LAB-TO-LAB SERVICE MANAGEMENT



Quality, certificates and accreditations

EXTERNAL QUALITY CONTROL

Classical and special biochemistry (hormones, haemoglobin A1c, proteins, serum indices, tumour markers, urine, urine sediment, etc.)	Classical cytogenetics
Blood testing	Sanger sequencing
Coagulation and Haemostasis	Non-invasive prenatal testing (NIPT)
Occupational health	Maternal screening
Special Microbiology. Bacteriology	NGS
Parasitology	MLPA
Immunology (Antinuclear antibodies and related Ag)	SARS-CoV-2
Drugs of abuse	FISH



CERTIFICATIONS & ACCREDITATIONS

- ISO 15189 accreditation**
 It recognises technical competence and quality at the Central Laboratories in Madrid.
- ISO 9001 certification**
 It certifies the Quality Management System in all departments in the central laboratory and offices in Madrid and in certain centres in the Canary Islands.
- ISO 14001 certification**
 It certifies the Environmental Management System implemented at the Central Laboratory and offices in Madrid.
- ISO 45001 certification**
 It certifies Occupational Risk Prevention at the Central Laboratory and offices in Madrid.

Continuous updates in genetics and digital anatomy

We offer Eurofins all our knowledge and the latest technologies to provide you with the most innovative genetic tests on the market, covering all stages of life, from preconception until adulthood.

	REPRODUCTIVE PROJECT	PRECONCEPTION TESTING	Preconception screening of couples
			Preconception screening of donors
			Andrology: Sperm DNA
		PRE-IMPLANTATION GENETIC STUDIES	PGT-A, PGT-M, PGT-HLA
	PRENATAL STAGE	NIPT, EXOMA, ARRAY, NGS, CYTOGENETICS	
	POSTNATAL STAGE	GERMLINE TESTING	<ul style="list-style-type: none"> • Neurology • Cardiology • Endocrinology • Pharmacogenomics • Oncology
	ONCOLOGY	SOMATIC STUDIES	<ul style="list-style-type: none"> • Anatomic Pathology • Solid tumour oncology • Haemato-oncology
	PHARMACOGENOMICS	COMPREHENSIVE SOLUTIONS IN PHARMACOGENOMICS	<ul style="list-style-type: none"> • GLOBAL PGx GenePanel • NEURO PGx GenePanel • Ad hoc analyses • Customised services

GeneSystems® Eurofins offers you access, visualisation and use of a comprehensive infrastructure for the computation and bioinformatics analysis of data from NGS, GeneSystems® platforms.

- Automation of the entire data analysis process.
- Cloud-computing platform: access from any device with an internet connection.
- **CE-IVD marking**: Computation and visualisation.

**CE-IVD-MARKED
BIOINFORMATICS
PLATFORM & PIPELINE**

IMPLEMENTATION & DEVELOPMENT OF THE DIGITAL PATHOLOGY MODEL

Comprehensive solutions to boost diagnostic accuracy, geared towards collaboration with your laboratory. Our digital pathology allows us to consult with experts in each speciality, as well as to participate in tumour committees.



4

Commitment to technology transfer



CUSTOMISED TRAINING

Eurofins offers customised training to promote the development of skills and knowledge, thus benefiting both employees and the laboratory as a whole.

PARTICIPATION IN MULTIDISCIPLINARY CLINICAL COMMITTEES

In our multidisciplinary clinical committees, we bring together various medical specialists, such as physicians, pathologists and other health experts. This allows for more informed and comprehensive decision-making, as we are able to consider different perspectives and expertise. Our methodology enables us to provide more accurate diagnoses and more effective treatment plans.

RESEARCH PROGRESS

We are continuously working to implement cutting-edge methods, techniques and tools, aiming for constant improvement that will allow us to make greater progress.

EFFICIENCY & PRODUCTIVITY

We are the first laboratory in Spain to automate the entire analysis process, making for greater efficiency by reducing analysis and response times, and allowing us to attend to a greater number of patients.

REGULATORY COMPLIANCE

We help you meet these standards and maintain the necessary accreditation.

TECH-TRANSFER



Technical training and on-site implementation of technologies



Support and assistance

- Remote and on-site assistance service according to the user's requirements
- Adapted contingency plans
- In case of equipment breakdown or malfunction, Eurofins it will act as a support laboratory

Own R&D&I projects

Most relevant R&D&I project in recent years that have received research grants:

POSTERS IN INTERNATIONAL CONGRESSES

26th IFCC-EFLM EUROMEDLAB Congress of Clinical Chemistry and Laboratory Medicine, Brussels 2025

"Detection of macro vitamin B12 in a patient in follow-up for high vitamin B12 concentrations" A. Mata Fernández, P. Llovet Rodríguez, L. Ballesteros Díaz, C. Barroso Pérez, N. Soriano Balcázar, S. Cuesta De Juan, A. Siguín Gómez.

"Comparison of two polyethylene glycol precipitant solutions for detection of macro vitamin B12" A. Mata Fernández, P. Llovet Rodríguez, M.T. Rosa Gregori, A. Parla Fernández, N. Soriano Balcázar, S. Cuesta De Juan, A. Siguín Gómez.

"Should the cut-off point for rubella antibody levels be updated?" A. Mata Fernández, P. Llovet Rodríguez, N. Soriano Balcázar, S. Cuesta De Juan, A. Siguín Gómez.

26th IFCC-EFLM International Congress of Clinical Chemistry and Laboratory Medicine, Dubai 2024

"Interference of a possible Hb J-Baltimore in HbA1c determination in the follow-up of a diabetic patient by two HPLC assay" A. Mata Fernández, P. Llovet Rodríguez, N. Soriano Balcázar, V. Fernández Garrido, E. Martín Pedroche, S. Cuesta De Juan, A. Siguín Gómez.

"Thalassemia trait in a girl with heterozygous hemoglobin E variant" A. Mata Fernández, P. Llovet Rodríguez, N. Soriano Balcázar, C. Lobo Samper, R.A. Torrado Carrión, E. Martín Pedroche, V. Fernández Garrido, S. Cuesta De Juan.

25th IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine, Rome 2023

"Different measure of HbA1c due to possible Hb J Baltimore between two HPLC analyzers" A. Mata Fernández, P. Llovet Rodríguez, N. Soriano Balcázar, R.A. Torrado Carrión, V. Fernández Garrido, E. Martín Pedroche, S. Cuesta De Juan.

"Finding of a rare variant of Hb-Malmö in a newborn" P. Llovet Rodríguez, A. Mata Fernández, N. Soriano Balcázar, B. Del Olmo Morales, V. Fernández Garrido, E. Martín Pedroche, R. Torrado Carrión, S. Cuesta De Juan.

"Demand adjustment: alkaline phosphatase and γ -glutamyl-transferasa. Is it really necessary to request them together?" R.A. Torrado Carrión, N. Soriano Balcázar, P. Llovet Rodríguez, A. Mata Fernández, R. Behar Lagares, S. Cuesta De Juan, A. Siguín Gómez.

"Comparative study of rapid lateral flow stool antigen immunoassay and stool antigen chemiluminescence (CLIA) immunoassay for the diagnosis of helicobacter pylori infection" S. Cuesta De Juan, R.A. Torrado Carrión, N. Soriano Balcázar, M. Crespo Martín, C.M Ana, M de la Chica Blanco, A. Mata Fernández, P. Llovet Rodríguez, C. Martínez Sánchez, A. Siguín Gómez.

24th IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine, Munich 2022

"Interference in HbA1c due to possible hemoglobin porto alegre in three cases" A. Mata Fernández, P. Llovet Rodríguez, N. Soriano Balcázar, M. Juvera Ramos, V. Fernández Garrido, E. Martín Pedroche, S. Cuesta de Juan, A. Siguín Gómez.

"Incidental detection of hemoglobin variants during capillary electrophoresis analysis of HbA1c" P. Llovet Rodríguez, A. Mata Fernández, N. Soriano Balcázar, M. Juvera Ramos, V. Fernández Garrido, E. Martín Pedroche, S. Cuesta de Juan, A. Siguín Gómez.

"Internal evaluation study of activity determination in SARS-CoV-2 reactive T cell" A. Ettamri, S. Cuesta de Juan, A. Mata Fernández, T. Rosa Gregori, A. Parla Fernández, S. García Martín, A. Siguín Gómez.

Virtual Conference: Critical Role of Clinical Laboratories in COVID-19 Pandemic. 2021

"Comparison study of four methods of IgG SARS-CoV-2" A. Mata Fernández, S. Cuesta de Juan, R. A. Torrado Carrión, N. Soriano Balcázar, M. Santos-Ruiz Rodríguez-Arias, M. Pérez Alonso, M. García-Alcalá Hernández, A. Siguín Gómez.

"Comparison study of three methods of IgG SARS-CoV-2" A. Mata Fernández, S. Cuesta de Juan, R. A. Torrado Carrión, C. Martínez Sánchez, R. Piqueras Picón, C. Dacosta Galán, M. García-Alcalá Hernández, A. Siguín Gómez.

24th IFCC-WorldLab. International Congress of Clinical Chemistry and Laboratory Medicine, Seoul 2022

"Method comparison study of AMH between Snibe Maglumi® CLIA assay and Roche ECLIA assay" S. Cuesta De Juan, J. García Ayuela, A. Mata Fernández, R.A. Torrado Carrión, M. García-Alcalá Hernández, C. Dacosta Galán, R. Piqueras Picón, A. Siguín Gómez.

"Evaluation of 25-OH vitamin D on Snibe Maglumi® 1000 immunoassay analyzer" S. Cuesta De Juan, J. García Ayuela, R.A. Torrado Carrión, A. Mata Fernández, M. Pérez Alonso, M. Santos-Ruiz Rodríguez-Arias, N. Soriano Balcázar, C. Martínez Sánchez.

"A comparison study of the TRAb immunoassay between Snibe Maglumi and Roche Cobas" S. Cuesta De Juan, J. García Ayuela, R.A. Torrado Carrión, A. Mata Fernández, N. Soriano Balcázar, M. Pérez Alonso, M. Santos-Ruiz Rodríguez-Arias, A. Siguín Gómez.

"A comparison study between Maglumi and Abbott Architect intact parathyroid hormone (PTH) assay" S. Cuesta De Juan, J. García Ayuela, A. Mata Fernández, R.A. Torrado Carrión, C. Martínez Sánchez, R. Piqueras Picón, C. Dacosta Galán, M. García-Alcalá Hernández.

POSTERS IN NATIONAL CONGRESSES

XIX National Clinical Laboratory Congress. Valencia 2025

"Statistical analysis of the interlaboratory comparison between Alinity and Maglumi for TSH determination" A. Mata Fernández, P. Llovet Rodríguez, S. Cuesta de Juan, N. Camarero Díaz, A. Magadán Campanario, A. Siguín Gómez.

"Diagnostic strategy in HIV infection" A. Mata Fernández, P. Llovet Rodríguez, N. Soriano Balcázar, S. Cuesta de Juan, A. Siguín Gómez.

"Interference of possible Hb-Raleigh in the determination of HbA1c" A. Mata Fernández, P. Llovet Rodríguez, N. Soriano Balcázar, E. Martín Pedroche, V. Fernández Garrido, S. Cuesta de Juan, A. Siguín Gómez.

"Comparative study of different techniques for detecting fecal occult blood" P. Llovet Rodríguez, A. Mata Fernández, A. Crespo, S. Sul Guerra Muriel, S. Cuesta de Juan, A. Siguín Gómez.

"Study of calprotectin by different methodologies" P. Llovet Rodríguez, A. Mata Fernández, A. Crespo, S. Sul Guerra Muriel, S. Cuesta de Juan, A. Siguín Gómez.

"Evaluation of the update of the biological limit value of S-phenylmercapturic acid after publication of the new INSST LEP guide for chemical agents 2025" J. María Moreno Martín, A. Mata Fernández, S. Cuesta De Juan, A. Siguín Gómez.

XVIII National Clinical Laboratory Congress. Bilbao 2024

"Descriptive study and demand management in HbA1c" A. Mata Fernández, P. Llovet Rodríguez, N. Soriano Balcázar, V. Benito Zamorano, E. Martín Pedroche, V. Fernández Garrido, S. Cuesta De Juan, A. Siguín Gómez.

"Evaluation of the update of the biological limit value for S-phenylmercapturic acid" J. María Moreno Martín, A. Mata Fernández, S. Cuesta De Juan, A. Siguín Gómez.

XVI National Clinical Laboratory Congress. Malaga 2022

"Demand management in the determination of IgG Toxoplasma gondii antibodies" A. Mata Fernández, R. Behar Lagares, R. A. Torrado Carrión, N. Soriano Balcázar, P. Llovet Rodríguez, M. R. Piqueras Picón, S. Cuesta De Juan, A. Siguín Gómez.

"Demand management in the determination of IgG hepatitis A antibodies" A. Mata Fernández, R. Behar Lagares, R. A. Torrado Carrión, N. Soriano Balcázar, P. Llovet Rodríguez, M. R. Piqueras Picón, S. Cuesta De Juan, A. Siguín Gómez.

"Analytical performance of total PSA as a tumour marker" Patricia Llovet Rodríguez, Raquel Piqueras Picón, Ramiro Antonio Torrado Carrión, Argelia Magadan Campanario, Alicia Mata Fernández, Nuria Soriano Balcázar, Susana Cuesta De Juan, Amapola Siguín Gómez.

XV National Clinical Laboratory Congress. Online Edition 2021

"Comparison of the determination of IgG S-RBD anti-SARS-CoV-2 antibodies between ABBOTT® (CMIA) and SNIBE® (CLIA)" A. Ettamri, S. Cuesta de Juan, M. García-Alcalá, A. Mata, A. Siguín, N. Camarero.

"Study of COVID-19 seroprevalence and its association with different risk factors and symptoms suggestive of SARS-CoV-2 infection" R.A. Torrado Carrión, P.M. Llovet Rodríguez, N. Soriano Balcázar, A. Mata Fernández, S. Cuesta de Juan, A. Siguín Gómez.

"Interference in HbA1c due to possible haemoglobin 'Porto Alegre'" A. Mata Fernández, N. Soriano Balcázar, P.M. Llovet Rodríguez, R.A. Torrado Carrión, M. Santos-Ruiz Rodríguez-Arias, M. Juvera Ramos, S. Cuesta de Juan, A. Siguín Gómez.

"Comparative study for the determination of anti S-RBD SARS-CoV-2 antibodies by CLIA and anti SARS-CoV-2 antibodies by FIA" S. Cuesta, A. Ettamri, A. Mata, T.R. Gregori, A. Parla, S. García, A. Siguín, J. Cobos.

"Comparative study for the determination of anti-S-RBD SARS-CoV-2 antibodies by CLIA and by FIA" S. Cuesta, A. Ettamri, A. Mata, T.R. Gregori, A. Parla, S. García, J. Cobos, A. Siguín.

XIV National Clinical Laboratory Congress, Zaragoza 2020

"Comparison of the determination of IgG anti-SARS-CoV-2 antibodies between Architect® (CMIA) and Liason® (CLIA)" R. A. Torrado Carrión, A. Mata Fernández, S. Cuesta de Juan, N. Soriano Balcázar, M. Santos-Ruiz Rodríguez-Arias, M. García-Alcalá Hernández, A. Siguín Gómez.

"Comparison of the determination of free testosterone between Maglumi (CLIA) and Demeditec (ELISA)" M. Pérez Alonso, J. García Ayuela, S. Cuesta de Juan, A. Mata Fernández, R. A. Torrado Carrión, C. Dacosta Galán, A. Siguín Gómez.

"Comparative study of two determinations of SARS-CoV-2 by ELISA: Novatec (novalisa) and Euroimmune" S. Cuesta de Juan, C. Lominchar García-Lajara, A. Bau González, A. Mata Fernández, R. A. Torrado Carrión, C. Martínez Sánchez, R. Piqueras Picón, A. Siguín Gómez.

TEACHING PAPERS

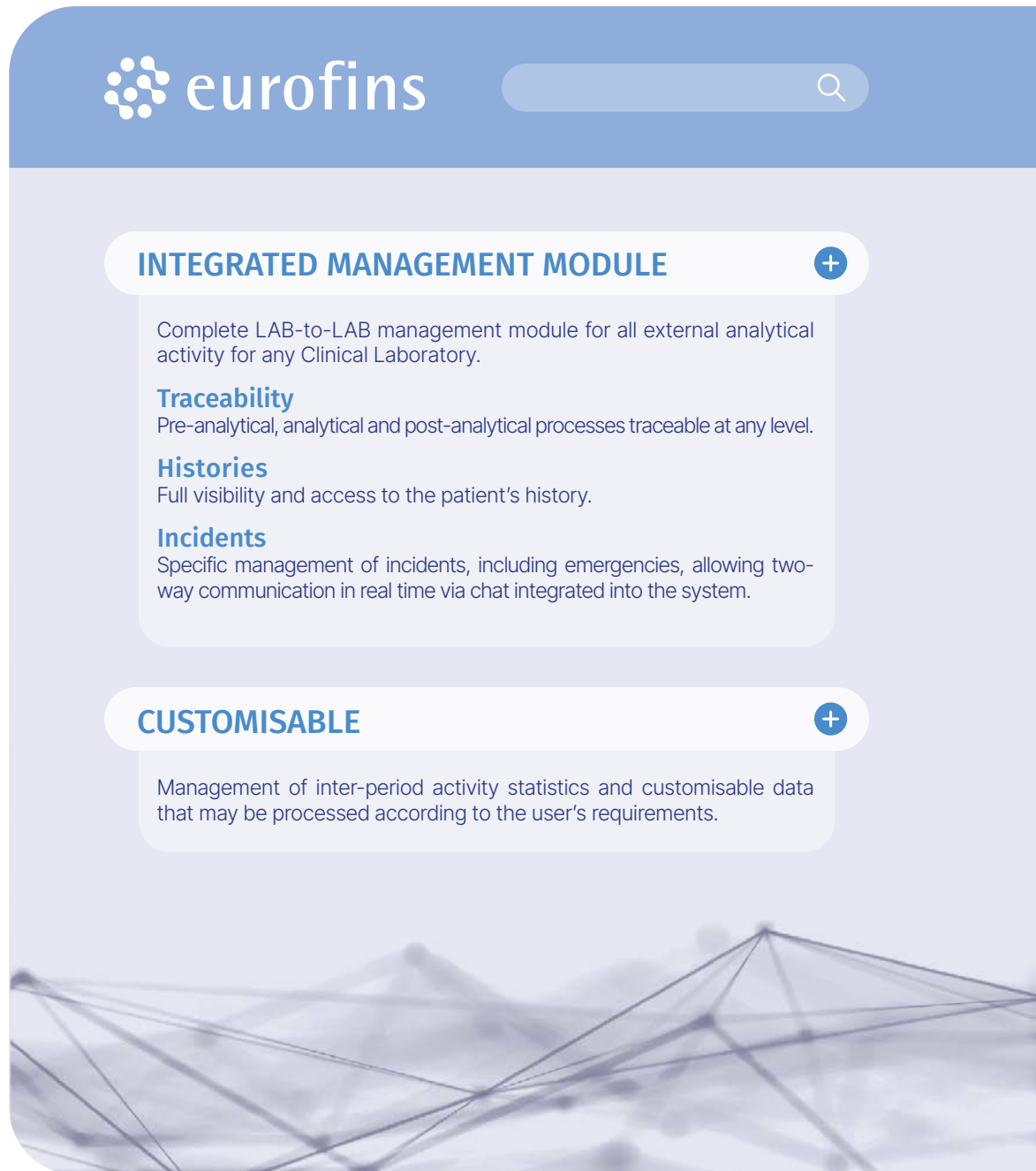
"Leukemoid reaction in an 8-month-old girl with an infectious condition" N. Soriano and M. Santos -Ruiz.

Online course Clinical Cases Studies for Continuous.

Clinical Laboratory Training, conducted from 16 October 2023 to 16 July 2024. Continuous Clinical Laboratory Training 68:79 - 90, with ISBN 978-84-09-51148-8.

6

Lab-to-lab integrated management web module



LAB

ORDER

CONTACT



AUTONOMY & INTEGRABILITY

- Two-way autonomy and integrability between each laboratory and Eurofins (may be adapted to any LIS).
- Continuous updating.
- User access to all fields of our service catalogue by means of defined filters (laboratory specialties, clinical specialties, methods, sample types, etc.).

UPDATING & COMMUNICATION

- Continuous updating and communication, notification of catalogue updates and laboratory tests.
- Support for the post-analytical process (discrepancy analysis) by means of direct dialogue with the specialists in each area of knowledge in Laboratory Medicine indicated on the WEBSITE.



Specialties
Clinical Diagnostics

Customer.Service@CTES.eurofinseu.com

