

Scale your lab. Deliver reliable data.

Gyrolab® automates nanoliter-scale immunoassays giving CRO bioanalytical teams faster turnaround, fewer reruns, and consistent data across analysts and sites. From PK to complex ADC programmes.

1,000+

peer-reviewed
publications citing
Gyrolab data

100+

CRO installations
worldwide

20+

years of immunoassay
automation experience

20+

top pharma companies
running Gyrolab

The CRO reality

Manual immunoassay workflows may create variability across analysts and sites. Reruns eat into margins. Assays for complex molecules, ADCs, bispecifics, gene therapy are beyond what ELISA can reliably handle. Sponsor expectations keep rising. Headcount doesn't.

What your lab needs. What Gyrolab delivers.

Four pressure points every CRO bioanalytical team faces — and how Gyrolab addresses them directly.

→ High pass rates. Less troubleshooting.

Automation removes the steps where variability is introduced. No manual pipetting, no plate-to-plate inconsistency. Reliable assays with high pass rates. The same result regardless of who runs it, or when.

→ Fit-for-purpose for regulated bioanalysis.

Gyrolab is designed for regulated environments. The platform provides the audit trail, controlled user access, and structured data handling your laboratory needs to develop and run fully validated GLP bioanalytical methods.

→ Lower cost per study.

90% less reagent use vs ELISA. Walk-away operation reduces FTE hours per run. Fewer repeats mean fewer hidden costs. When you factor in time, reagents, and reruns, Gyrolab regularly delivers lower total cost per study.

→ Expand what you can bid on.

ADC programmes, bispecifics, gene therapy, and complex matrices place demands on sensitivity, reproducibility, and matrix tolerance that can be difficult to meet consistently with standard plate-based methods. Gyrolab supports more complex studies, more differentiated proposals, and a broader service portfolio.

Conventional ELISA / ECL

- ✗ Overnight coating, 16–24h before first result
- ✗ 25–100 µL sample per data point
- ✗ Analyst-dependent pipetting variability
- ✗ 4–6 hour run time per plate
- ✗ High MRD to manage matrix effects limit sensitivity
- ✗ Limited suitability for complex molecule assays (ADC, bispecifics)
- ✗ Revalidation typically required at each site transfer

VS

Gyrolab

- ✓ Results in about an hour, no overnight steps
- ✓ 1–5 µL per data point
- ✓ Fully automated, consistent across analysts
- ✓ Broad dynamic range
- ✓ Low MRD, flow-through matrix tolerance
- ✓ Validated for ADC, bispecifics, gene therapy
- ✓ Direct transfer, same protocol, same result

CRO reality

- High hands-on time per study
- Frequent repeats reduce margins
- High reagent consumption
- Limited lab capacity

ROI drivers with Gyrolab

- Time savings, FTE capacity freed up
- Up to 90% lower reagent use vs ELISA
- Reduced rework and repeat costs
- More studies, same headcount

Business impact

- Increased lab capacity
- Lower cost per study
- Faster sponsor timelines
- Stronger sponsor confidence

Complex assays drive hidden costs. When factoring in time, FTE effort, and reagent savings, Gyrolab often delivers lower total cost per study than conventional ELISA.

“The Gyrolab delivers exceptional data quality. Because it's fully automated, there's no plate heterogeneity just highly precise, reproducible results across runs and instruments.”

Richard Hughes, PhD - Former Resolian Bioanalytics UK · 15 years Gyrolab experience

ADC bioanalysis, where ELISA stops and Gyrolab starts

Gyrolab flow-through format is inherently resistant to matrix effects, performing reliably across a wide range of biological samples including serum and tissue homogenates. Minimal sample and reagent consumption supports low volume sampling devices, preserves precious biological material, and reduces overall study costs. The high-throughput reagent screening and rapid transfer and validation cycle mean complex ADC programmes can be quoted and delivered on timelines that plate-based workflows cannot match.

400+

ADCs in clinical development

Fastest-growing oncology modality. Increasing outsourcing to specialist CROs.

4 µL

per data point in ADC assays

vs 50-100 µL for ELISA. Works with limited preclinical and clinical samples.

6 days

from development to GxP

Pfizer example: 3 ADC assays. 1,200 samples. Reproducible data. One Gyrolab platform.

Case study: Bispecific ADC. Two platforms failed. Gyrolab delivered.

The challenge

A large global CRO received a bispecific ADC programme requiring high sensitivity in a complex serum matrix. Both ELISA and ECL failed to meet acceptance criteria, matrix effects caused unacceptable variability and insufficient sensitivity at the required dilution.

The outcome on Gyrolab

- **CV 1.3%** precision across replicate runs
- **Bias 1.0%** accuracy well within regulatory limits
- **80%+ samples** with CV below 5%
- **Flow-through mode** resolved matrix interference

What Gyrolab means — depending on your role



Scientist / Analyst / Assay Developer

Running assays and developing methods

"I need reliable assays with high pass rates and simple workflows I can trust."

Gyrolab removes manual pipetting, the single biggest source of variability in LBA workflows. **High pass rates. Reproducible results. Less troubleshooting.** Scientific robustness you can defend to sponsors and in publications.



Lab Head / Bioanalysis Lead

Managing capacity, delivery, and cost

"I need fit-for-purpose technology for regulated bioanalysis and I need to know the cost per data point makes sense."

Regulatory compliance is built into how the platform works. **Lower cost per data point. Higher throughput per analyst. Faster delivery to sponsors** without compromising on quality or compliance.



Business / CRO Leadership

Winning contracts, managing margins

"I need platforms that expand our service offering, differentiate our proposals, and let us promise faster timelines."

Gyrolab certification signals capability in complex biologics; ADCs, bispecifics, gene therapy. **Credibility with pharma and biotech clients.** More studies in scope. More bids worth making. That is what the right platform enables.



QA / Regulatory Specialist

Compliance, standardisation, audit readiness

"Reproducibility, standardisation, and audit readiness these are non-negotiable."

Gyrolab automates and documents critical steps. **Full audit trail. Consistent, reproducible performance across runs.** Standardised protocols across sites. Data captured automatically, linked to the operator and time of analysis, stored in a secure tamper-evident audit trail supporting regulated bioanalytical studies.

Gyrolab CRO Certification — what it means for your business

01 Site-level recognition Granted per site. Multiple sites earn global recognition. Reviewed annually.	02 Proven criteria Multiple Gyrolab systems. Trained analysts. Current software. Redundancy built in.	03 Active partnership Training updates, onsite visits, check-ins. You're not alone after placement.	04 Sponsor confidence Shows sponsors your assays run on an automated, validated platform built for reproducibility
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Current certified CRO partners

Resolian Bioanalytics

Charles River Laboratories

BioAgilytix Labs

ICON Laboratory Services

QPS

Synexa

Nuvisan

Intertek

How we work with CROs

Assay development support

Our application scientists work alongside your team to develop, optimize, and transfer assays onto Gyrolab. You get direct access to deep platform expertise, from first assay through to GLP-ready methods.

Your success is our measure

A Gyrolab placement only works if your lab thrives with it. We provide onsite training, regular check-ins, and ongoing technical support, so your team is confident, your assays perform, and your sponsors keep coming back.

A long-term partnership

From first conversation to certified CRO partner, we stay with you. Annual certification reviews, training updates, co-marketing opportunities, and access to a global network of Gyrolab users and scientific expertise.

Ready to talk about what Gyrolab could do for your lab?

We work with CROs at every stage, from first evaluation through to full certification. Our team can walk through your assay mix, your current workflow, and what the numbers look like for your specific situation.

Talk to an expert

Try the ROI calculator

Become a certified CRO partner



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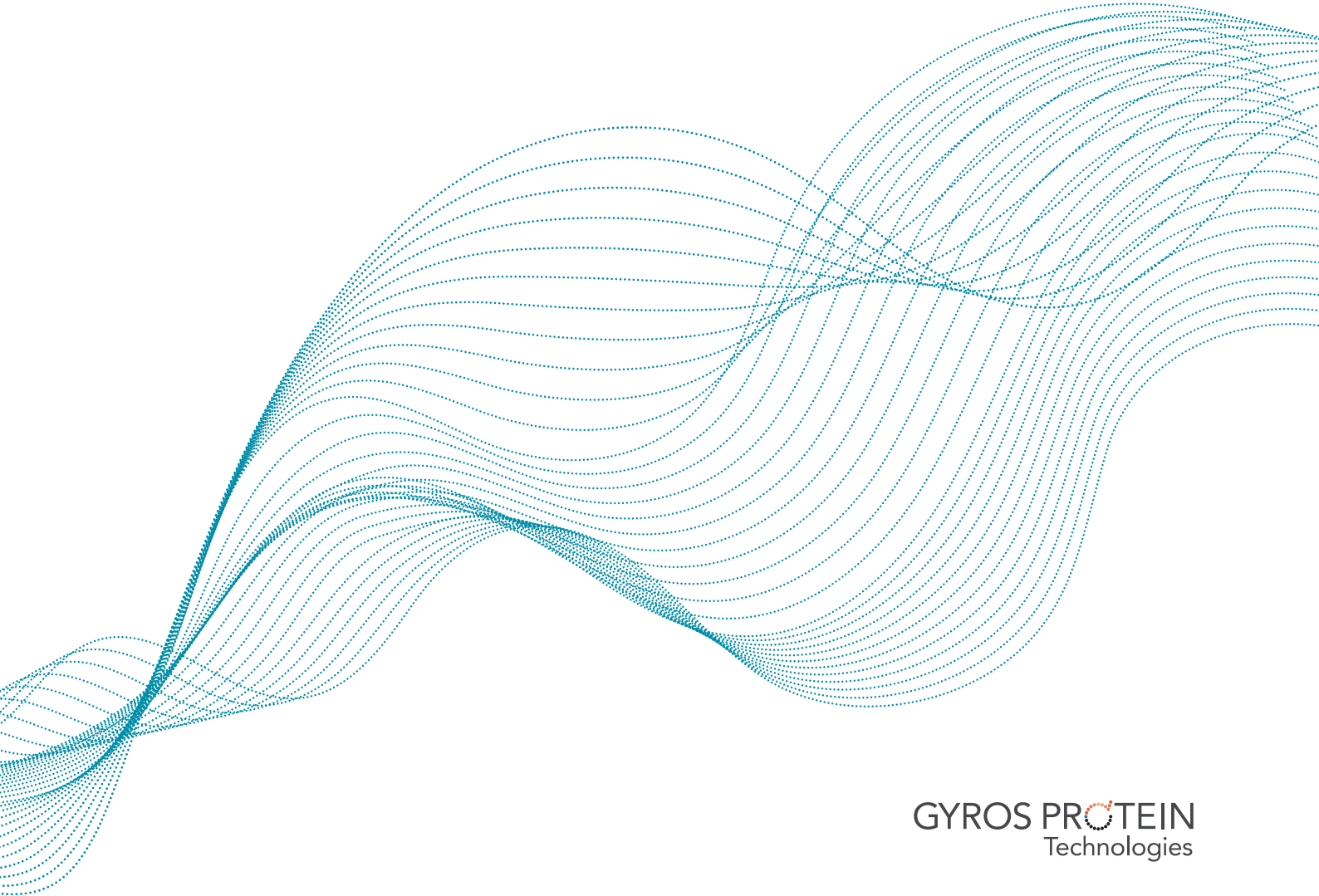
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Technologies

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