



IBBL BIOSERVICES
BIOMARKER VALIDATION

WHO ARE WE?

IBBL is an autonomous not-for-profit institute dedicated to service provision in the biomedical sector. As an ISO 9001 (general quality management) certified organisation compliant with the principles of ISO 17025 accreditation (competence of testing and calibration laboratories) and NF S96-900 certification (quality of biological resource centres)*, we offer a full range of bioservices to industry, academia and EU consortia.

In addition to our dedication to quality and our range of services, our location at the heart of Europe makes us an ideal partner for your validation studies, clinical trials and research projects.

Our team can provide the samples, data and expertise needed to take your biomarker through the early stages of validation; from discovery right up to the clinical validation. This will reduce your risk and increase the value of your biomarker, ultimately getting it ready for commercialisation.

* More information available on www.ibbl.lu/about-ibbl/#quality



WHAT DO WE OFFER?

1

Pre-Analytical Validation

Assessment and reporting of the robustness of your biomarker to common pre-analytical variables such as sample processing delays, storage and processing temperatures and freeze-thaw cycles

2

Analytical Validation

Assessment and reporting of the analytical characteristics of your biomarker assay including, amongst others, precision, matrix effect, analytical range, specificity, sensitivity and stability

3

Clinical Verification

Pilot study of limited sample size (hundreds) to verify the performance of your biomarker in clinical sample sets

WHAT DO WE OFFER?

4

Method Comparison

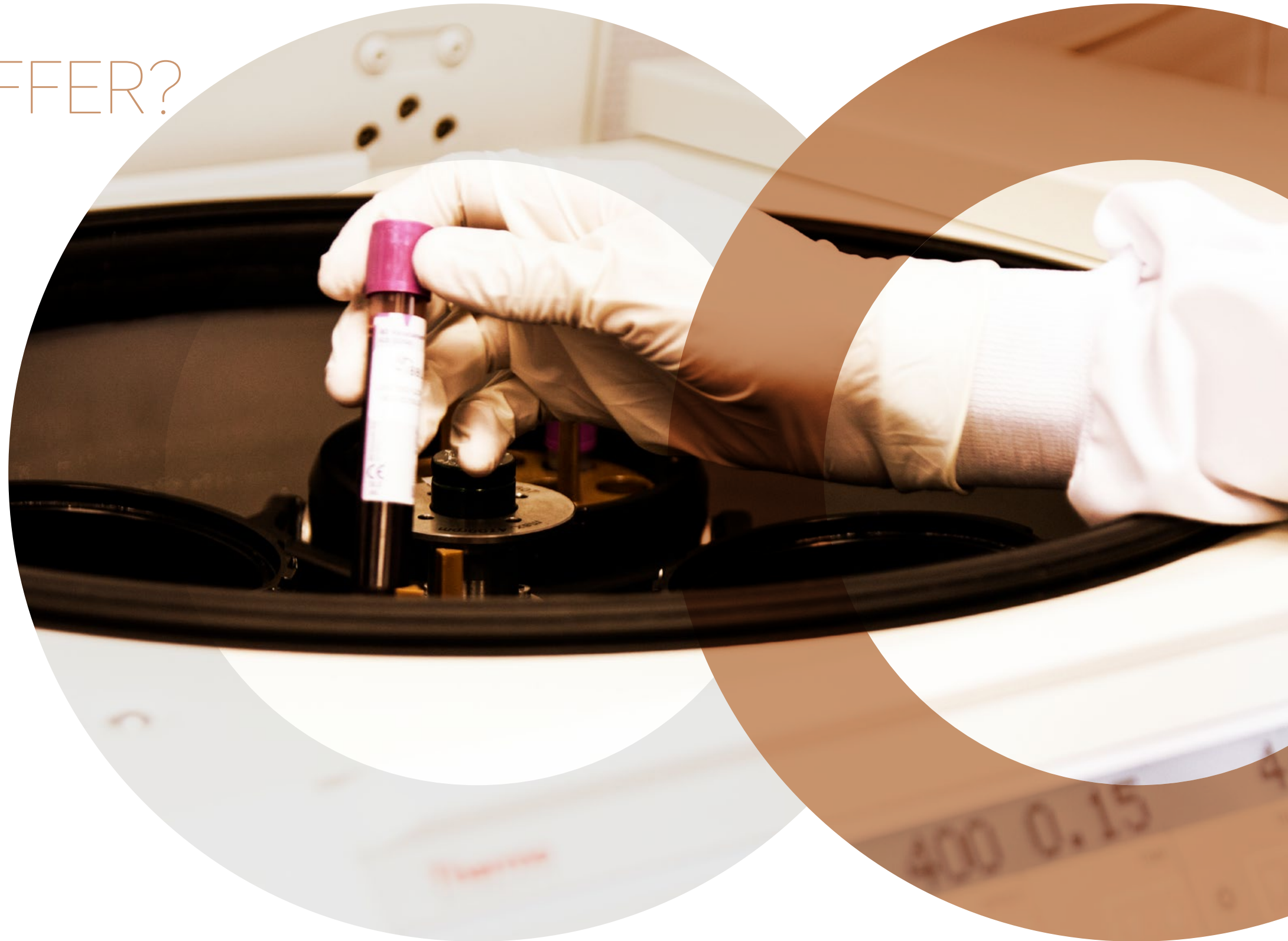
Comparison of your biomarker to other relevant biomarkers and gold standards for the intended purpose

5

Quality Control Material

Production and provision of quality control materials for further validation studies and for use as quality controls in the final commercialised assays

You can choose these components individually or as a full package offer that includes all 5 components.





WHY CHOOSE US?

✓ TO GET YOUR BIOMARKER READY FOR COMMERCIALISATION

By taking advantage of our comprehensive offer you will ensure that all the steps before the final clinical validation are completed, allowing you to objectively assess the potential clinical application of your biomarker. The validation report and recommendations we provide will be just what you need to get your biomarker ready to enter into business negotiations or production steps. Your chances to secure investment will be increased, since the risk for investors will have been substantially reduced as we help you get further down the development process.

✓ TO REDUCE YOUR RISK AND SAVE RESOURCES

By entrusting your biomarker candidate to a team of experts you can be sure that the design and execution of your validation study will be done to the highest standards. Our scientific leaders have years of experience in biomarker validation and a long list of commercialized products. As an organisation compliant with the principles of ISO 17025 accreditation, all our processing and characterisation methods are validated and our R&D team is experienced in validation studies. Additionally, having your biomarker validation performed by a specialised organisation will substantially reduce the timeline, allowing you to focus your time and resources on other projects.

✓ FOR WELL-ANNOTATED HIGH QUALITY SAMPLES

For your biomarker validation study you will need a whole new set of samples, different from the ones used in your training set. Through our biobank and biobank network we can provide access to a range of human biospecimens with appropriate informed consent. Our samples are collected and processed according to strict Standard Operating Procedures (SOPs) to eliminate pre-analytical bias. They are also extensively annotated with data on demographics, pre-analytics and clinical information.



PUT YOUR BIOMARKER IN SAFE HANDS

GET IN TOUCH!



www.ibbl.lu



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YOUR EUROPEAN BIOSERVICE PROVIDER

Biobanking

Sample
Processing

Sample Analysis
& Quality Control

Biospecimen
Proficiency Testing

Biomarker
Validation

University Biobanking
Certificate



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