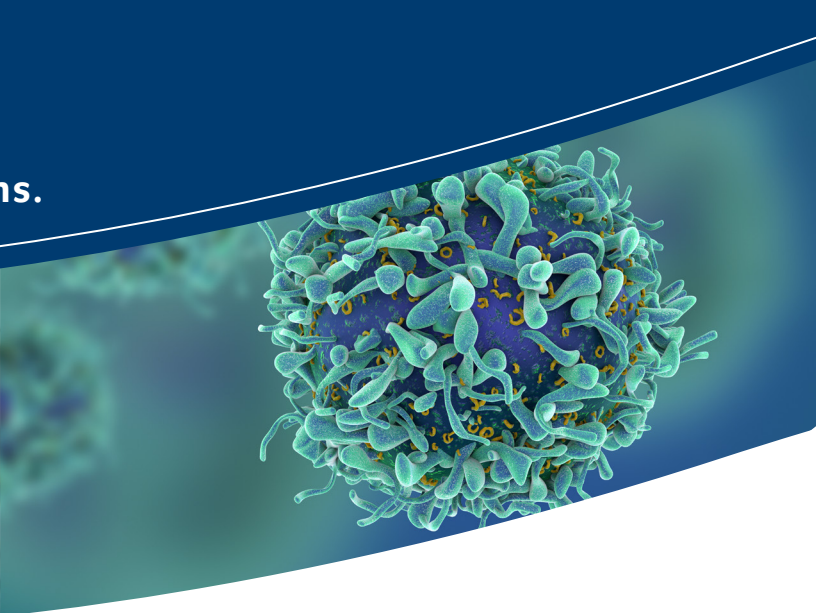


PARTNERSHIP

It's what turns services into solutions.



BIOANALYTICAL LARGE MOLECULE

EXPERTISE. *It's how you get from the molecule to the market.*

Gain access to comprehensive biologics services in support of advanced development programs with Frontage's bioanalytical laboratory. We have the capabilities to analyze virtually any peptide, protein or antibody, and have built a reputation for solving technical challenges related to assay development and validation.

**WE PROVIDE
SCIENTIFIC INPUT
TO INFLUENCE THE
DECISION MAKING
PROCESS**

OUR BIOLOGICS SERVICES INCLUDE:

- Method development, transfer and validation
- PK/TK – Pharmacokinetics assays
- Macromolecule PK/TK (hybridization and immunoassays)
- Immunogenicity assays (vaccine and anti-drug antibody assays)
- Cell based assays
- Functional in vitro assays
- Toxicity & viability
- Biomarker services for drug development

OUR SPECIALTIES INCLUDE:

- Esoteric and complex assay development
- Labile compounds
- Tissue sample analysis
- Antibody Drug Conjugates (ADC)
- Determination of drug/antibody ratio (DAR) for ADC projects

Our expertise extends to projects that combine small and large molecule bioanalytical activities, such as ADC and biomarker analysis for small and large molecules.

KNOWLEDGE FROM EXPERIENCE

Frontage's senior scientists average 10 - 15 years in complex drug development and have worked with large molecule applications throughout its evolution in product development. The majority of our scientific teams hold advanced degrees.

INSTRUMENTATION

Frontage offers the latest, state-of-the-art instrumentation for large molecule analysis.

Some of our systems include:

- PCR (AB 7900HT-Real Time PCR System)
- MesoScale Devices 600
- Tomtec and Tecan liquid handling systems

PARTNERSHIP

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- Spectramax
- BIORAD CHEMI-Doc (quantitation of SDS-PAGE/WB)
- Abbott AxSYM System
- Triple TOF 6600
- Dedicated tissue culture room

BIOMARKERS

Frontage offers capabilities in regulated, fit-for-purpose or CLIA-certified biomarker assay development and analysis. Our biomarker assay capabilities include:

- ELISA (single analyte)
- Meso Scale Discovery Sector S 600 (single or multiplex)
- Real time PCR
- Western Blo

QUALITY ASSURED

Frontage's experience and performance metrics translate into the highest quality, reproducible bioanalytical data. Since its implementation, our

incurred sample reanalysis track record includes zero failures.

Frontage's bioanalytical labs are compliant with internal standard operating procedures (SOP), Good Laboratory Practice (GLP) and world health authority guidances. Our audit history with regulatory authorities and client inspections is virtually spotless.

In addition to our stringent SOPs, Watson LIMS, a validated freezer temperature monitoring system, central security alarm monitoring and 24-hour card controlled facility access ensures the highest levels of data integrity.

FRONTAGE'S COMMITMENT

Our extensive list of validated biomarker assays and capacity offered by two global laboratories – equipped with the latest analytical equipment for efficiency and precision – are supported by robust quality systems, one of the largest teams of expert scientists and a stellar track of compliance and data integrity.

Frontage is a full service CRO which closely collaborates with pharmaceutical and biotech companies to help them bring promising drug candidates to market.

We offer solutions to help our clients in analytical testing, product development, DMPK, bioanalysis, clinical, and biometrics. What sets us apart is our ability to collaborate closely with our clients to ensure a deep understanding of their drug development goals and our ability provide flexible solutions that are customized to each client's needs.

At Frontage, we are committed to providing rigorous scientific expertise to ensure the highest quality and compliance on each project. Frontage proudly serves innovator, generic and consumer health companies from IND enabling through late stage clinical projects. Frontage successfully assists clients to advance hundreds of molecules through development to commercial launch in global markets. This partnership with our clients is how we turn services into real solutions that get our clients ahead.

FOR MORE INFORMATION, CONTACT US AT: sales@frontagelab.com **OR VISIT US AT:** frontagelab.com

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