

## Biomarker Solutions from the Mass Spectrometry Experts at Pyxant Labs

24-Hour TAT | Biomarkers | CDx | CLIA | GLP | HRMS | LC/MS/MS



BIOANALYTICAL CONTRACT RESEARCH

Biomarkers are key in drug development and the design of personalized medicine. They drive patient identification and stratification, define disease biology, identify mechanisms of action, and help us understand the pharmacokinetic and pharmacodynamic relationships of your drug. These benefits can lead to successful drug development and potentially produce significant time and money savings. Pyxant Labs has advanced expertise assaying biomarkers via LC/MS/MS under non-GLP, GLP, and CLIA regulations.

Because clinical decisions are likely to be made from biomarker assay data, mass spectrometry is the technology of choice as it is more robust and more specific than other technologies. We can often achieve equal or better sensitivity using our mass spectrometry platform, leveraging our expertise as compared with traditional assay technologies.

Whatever the intended use of your biomarkers, we have the ability to perform "fit-for-purpose" assays developed and validated following the proper required compliance: non-GLP, GLP, or CLIA. Our experience developing methods for endogenous analytes is extensive, ranging from ultra-low levels of quantitation for steroid type hormones to small peptides. The biomarker methods we developed are either non-proprietary (we own the method with no validation associated costs) or proprietary for custom assays (validation costs apply).

From sample receipt to reporting, our 24-hour turnaround time for a large number of biomarkers is unparalleled.

As Pyxant Labs is CLIA licensed, we can also assay for drugs that have been approved during their Phase IV surveillance phase as TDM (therapeutic monitoring).

We have experience in validating assays and assaying samples used as companion diagnostics (CDx).

Over the years, we have accumulated a large list of biomarkers assays via LC/MS/MS. We are currently extending this list using our high-resolution mass spectrometry (HRMS) platform. Please contact us to discuss your biomarker's needs.

