

Biomarker Services

Proteomic and genomic assays to uncover biomarkers of response

Explore our range of cutting edge genomic and proteomic assays to inform your drug development programs. Integrate your preclinical and non-CLIA regulated sample analyses into an end-to-end program or run them as standalone services.

Flow Cytometry

- Gain biological insight into your drug PD.
- Perform robust and in-depth immunophenotyping using industry standard BD FACSCalibur™, BD Accuri C6™, and BD LSRFortessa™ (up to 17 colors).

Immunohistochemistry

- Visualize histologically-relevant spatial distribution of cellular components.
- High throughput analyses with industry standard Leica BOND RX autostainer, NanoZoomer® autoscanner, and HALO™ image analyzer.

Cytokine and Chemokine Profiling

- Understand drug mechanism of action within limited samples.
- Investigate multiple bioactive proteins in a single reaction volume.
- Using industry standard MSD® S600, Luminex®, as well as singleplex ELISA.

Genomic Profiling

- Systematically analyze genes and pathways by extensively sequencing the genome with highly sensitive PCR-based, real-time PCR, and NGS technologies.

Rare Cell Analysis

- Understand drug mechanisms, persistence, and resistance.
- Detect, isolate, and analyze low density cells, including CRC and CAR-T, with a multiparameter imaging and analysis platform.

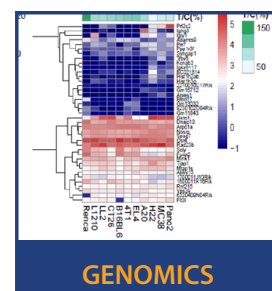
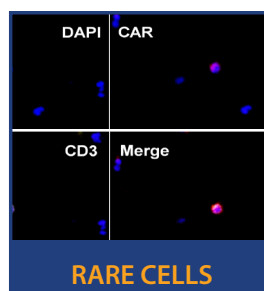
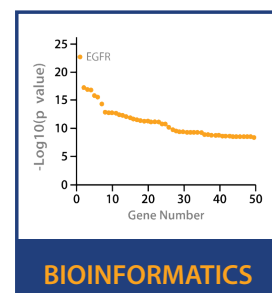
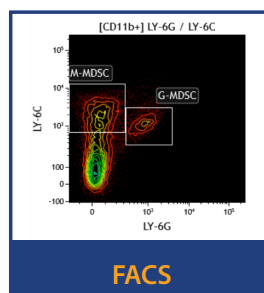
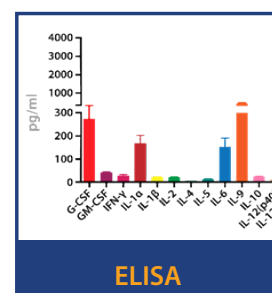
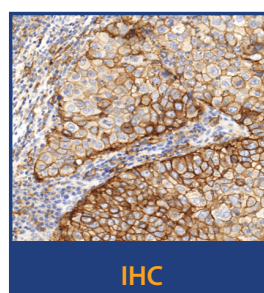
Complete Blood Count

- Determine drug effect in your preclinical samples during your *in vivo* study.
- Measure up to 22 parameters of blood components with limited samples using industry standard VetScan HM5.

In Silico Modeling

- Strengthen your biomarker strategy by analyzing genomic and proteomic data in relation to efficacy with the most appropriate statistical framework.
- Optimize preclinical study/clinical trial design with bioinformatics guidance.

Biomarker Services



Contact Sales

US: +1.855.827.6968
UK: +44 (0)870 166 6234
busdev@crownbio.com



Schedule Scientific Consultation

Request a consultation to discuss your project.
consultation@crownbio.com



Additional Resources

Read supporting publications, white papers, watch presentations, and more.
[crownbio.com/resources](https://www.crownbio.com/resources)