

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 pharmacodynamics (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

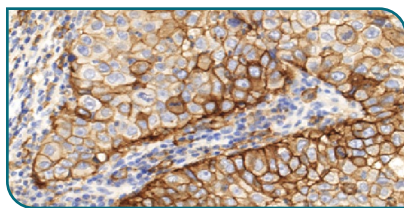
- Understand drug mechanisms, persistence, and resistance
- Detect, isolate, and analyze low density cells, including CRC and CAR-T, with a multiparameter imaging and analysis platform

Complete Blood Count

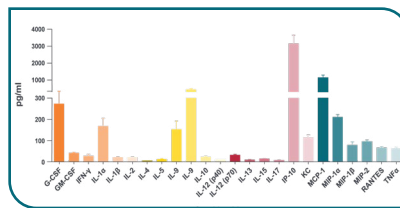
- Determine drug effect in your preclinical samples during your *in vivo* study
- Measure up to 22 parameters of blood components with limited samples using industry standard VetScan HM5

In Silico Modeling

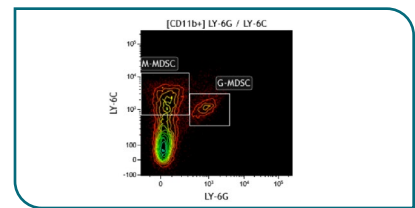
- Strengthen your biomarker strategy by analyzing genomic and proteomic data in relation to efficacy with the most appropriate statistical framework
- Optimize preclinical study/clinical trial design with bioinformatics guidance



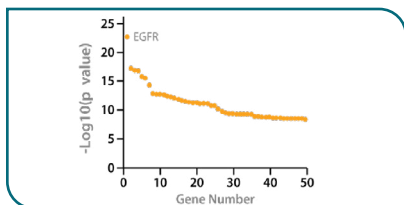
IHC



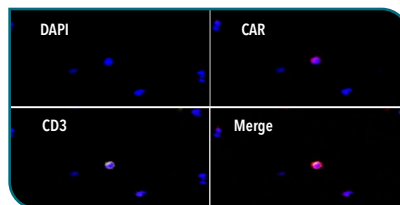
ELISA



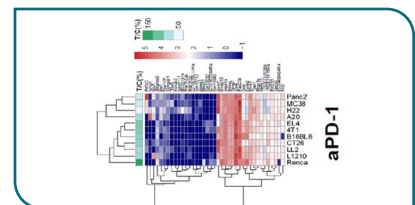
FACS



Bioinformatics



Rare Cells



Genomics

Get in touch



Sales

US: +1 858 622 2900
UK: +44 870 166 6234

busdev@crownbio.com
www.crownbio.com



Science

consultation@crownbio.com

