

Clinical Chemistry and Biomarker Services



Make confident decisions from rapid, reliable data in your early preclinical cardiovascular and metabolic disease research

Clinical chemistry tests and biomarker assays are crucial in understanding agent effects during preclinical *in vivo* studies. Routine sample analysis provides valuable insight into drug efficacy, enzymatic activity, target validation, and candidate selection.

Utilizing the highest quality platforms to rapidly and reliably measure cardio-metabolic endpoints, CrownBio provides a range of validated services to help inform decision making in cardiovascular and metabolic disease drug development. Incorporate these sample analyses into your *in vivo* studies, or let us run them for you as standalone services.

Clinical Chemistry Analysis

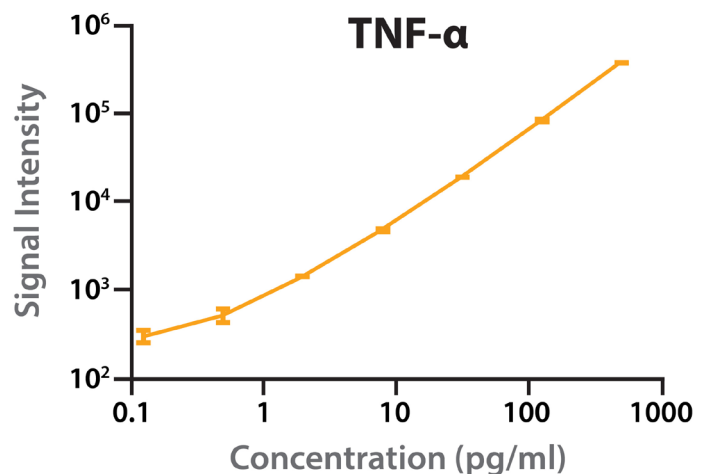
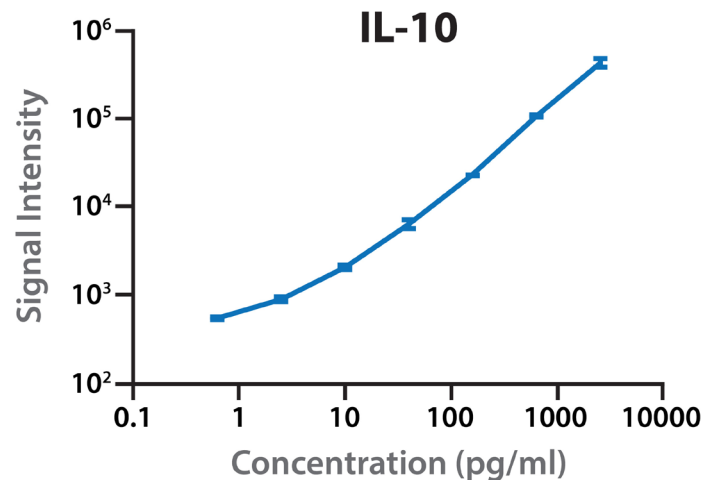
- **Beckman-Coulter AU480 Clinical Analyzer**
 - Comprehensive portfolio of clinical chemistry tests for evaluating NHP and rodent samples
 - Common tests include hemoglobin A1c, glucose, liver, and kidney function panels, lipid panels, and more

Electrochemiluminescent Assays

- **MesoScale Diagnostics Sector S600**
 - Over 35 validated assays for mouse, rat, human, and NHPs including proinflammatory panels, kidney injury marker panels, and more
 - Multiplex and singleplex assays
 - Custom assays available

Colorimetric ELISA Testing

- **Custom ELISA assays**
 - Over 15 validated ELISA assays for mouse, rat, pig, dog, human, and NHP
 - Custom assays available



CrownBio's custom-fit, 7-point standard curves are used to calculate accurate and precise concentrations via MSD assay.



Contact Sales

Call or email us at:
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Schedule Scientific Consultation

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



DiscoverCrown

Trial translational rodent and NHP models for obesity, diabetes, renal disease, and NAFLD/NASH.
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