

A close-up photograph of a white animal paw, likely a dog, being gently held by a hand wearing a light blue nitrile glove. The background is a soft, out-of-focus white, suggesting a clinical or laboratory setting.

Analytical Services for Veterinary Research

Delivering analytical research solutions for
veterinary sectors



Introduction

LGC's laboratory in Fordham, UK, is the world's largest independent provider of drug surveillance, doping control and custom molecular biology and analytical chemistry services for the veterinary research and drug development sectors. Since 1963, the laboratory has carried out pioneering research and development work, contributing to many internationally agreed regulations that underpin the Rules of Racing and Equestrian Regulatory Events.

LGC provides analytical solutions to both new and existing customers. The laboratory maintains a significant research and development programme to be able to respond to the latest risks identified by animal sports regulators and is also involved in numerous projects with universities and research institutes. Our main areas of expertise include:

- Method development, validation and sample analysis for drug metabolism and pharmacokinetic studies.
- Biomarker identification and quantification, especially relating to endocrine pathways such as steroids and peptide hormones.
- Investigation of new threats such as designer drugs and gene doping.
- Troubleshooting or redeveloping existing assays.
- Work is conducted within an ISO17025 accredited laboratory.

Analytical Platforms

A diverse range of analytical instrumentation, including high resolution accurate mass, GC-MS, LC-MS, ICP-MS, PCR and Next-Generation Sequencing (NGS).

Why LGC?

We are a global leader in life science tools, partnering with customers to find solutions that diagnose, treat, feed and protect our growing population. Working collaboratively with our partners in the scientific community, our products and services help to solve some of the most complex challenges facing society. LGC, headquartered in the UK, boasts a heritage of over 180 years. LGC have a long history of developing innovative solutions to help tackle challenging research problems in equine drug surveillance. Today, with a team of more than 100 highly skilled scientists, this laboratory leads the field in equine sports testing, human drug testing and nutritional supplement testing. We employ industry-leading experts who are driving innovation and compliance across all areas. Our work is pivotal in ensuring that integrity, fairness and safety is maintained.

We are proud to combine our scientific expertise with our passion for protecting the welfare of animals, the integrity of sport and supporting veterinary research and drug development, which culminate in truly delivering 'Science for a Safer World'.

LGC has a long history of developing **innovative solutions** to help tackle challenging research problems.

Get in touch

To discuss your Research requirements, or learn more about pricing, please contact LGC (Fordham):

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