



CUSTOM ASSAY DEVELOPMENT SERVICES

ELISA - ENZYMATIC - HTRF - TR FRET - LIA

SERVICES BY

KRISHGEN *BioSystems*
OUR REAGENTS, YOUR RESEARCH

TECHNICAL EXPERTISE & 17+ YEARS OF EXPERIENCE

FOR ALL YOUR ASSAY DEVELOPMENT NEEDS.



The advantage of using services from KRISHGEN is that they are old players in this industry and have developed hundreds of unique immunoassays. They are able to offer expert solutions for every concern.

- Vice President, major Biosimilar Company

TOTAL SOLUTION ARCHITECTS

The Krishgen team is able to support you at every step of your assay development. Over a wide range of species and samples types, our team can draw up a tailor-made proposal to suit all your specific needs. Whether it is total-tech transfer, part development work, or simple optimisation, we can help you cherry pick the best solution.

COMPETITIVE AND RELIABLE

Krishgen has been developing assays since 2008. We understand that offloading development helps reduce cost and saves time. We offer competitive solutions, with milestone payments. Our technical team provides a detailed proposal that includes feasibility and realistic timeline, ensuring transparency in the process.

TECHNICAL EXPERTS

Our team consists of technicians and senior laboratory scientists who have been working in the field for several years. They have been involved in the successful development of over 500+ assays. We are able to source the right antibodies, and use proprietary in house diluents and solutions to give you optimal noise:signal ratios.

WHY BUILD YOUR ASSAY WITH KRISHGEN

- Assay development strategy design to perfectly match your research goals
- High degree of customisation, in accordance with the target / biomarker and species specifications that you provide
- Competitive with upfront costs and no hidden fees
- Transparent assay / technology transfer
- Documentation per your specifications
- Implementation support
- Extensive quality control
- Validation protocols as per FDA Bioassay guidelines

**A PERFECT BLEND OF
EXPERTISE AND TECHNOLOGY,
FOR HIGH PERFORMING IMMUNOASSAYS.**

Diverse, Flexible, and Reliable Service Offerings.

 FEASIBILITY

 DEVELOPMENT

 OPTIMISATION /
VALIDATION

 TRANSFER OR
MANUFACTURING

OUR SERVICES INCLUDE:

- Assay development and optimisation
- Complete ELISA kit design and subsequent Manufacturing
- Antibody matched pair screening
- Reagent Optimisation
- Pre-validation studies, according to regulatory guidelines, including demonstration of the assay performance, meeting accuracy and precision-acceptance criteria
- Cross Reactivity Testing
- Custom plate coating to enable consistency across experiments

Custom assays are your solution for:

- *Large, long running, multi-site studies, where it is critical to ensure assay performance over time*
- *Adapting existing assays to new platforms for high performance, and high-throughput.*
- *To reduce in-house costs and development time*
- *Combining multiple analytes*
- *New analyte development*
 - *Let us screen available reagents*
 - *We can use your specific protein standards and antibodies*

We take the same care and effort in building your complete custom assay as we do our own catalog products.

Krishgen's laboratory is equipped with state of the art semi-automated and automated machinery for development and running of assays. Krishgen operates four application labs, with a new IVD facility coming up in Nov 2021. In these labs,

We have state-of-the-art equipment we use to manufacture and support your projects.

Typical Workflow:

Krishgen follows a transparent, simple workflow when working for custom services – whether it be sample testing, or assay development.



Initial Discussion

Once we receive the request, someone from our team will get in touch with you for more information. You will be requested to fill out an informatory form which will help us take the discussion forward.



Technical Consultation

After the form is received, our technical team will get on a call with you to understand in detail your exact requirements.



Proposal

Upon understanding the kits required / design of the assay, our team will share a comprehensive proposal for the service with you, including the cost break up. Upon formalization of the request through a purchase order, a 50% advance is requested. Then, we begin working on your custom service. As simple as that.



Pilot Study or Sample Run

After approval of the proposal, our team will begin the experiment design and sample testing. If it's an ELISA that is readily available with us, we will run the samples as per the requirements. If we are developing the assay, then we will begin initial experimentation.



Milestone Reporting

At each milestone interval (detailed in the proposal), we will share all the raw data and information we have of the progress so far. After reviewing any comments, you may have, we proceed forward. Krishgen believes in transparency when sharing information from your runs and requirements.



Final Reporting or Technical Transfer / Scaling Up

As applicable, we will share the final report of the sample runs / studies signed as per the requirements discussed. For custom development, we will share the final data from our experimentation and begin discussions for tech transfer / scaling up.

KRISHGEN BioSystems

OUR REAGENTS, YOUR RESEARCH

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