Devyser Genomic Laboratories

Providing clinical laboratory testing
and research services to BioPharma

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Devyser Genomic Laboratories

Who we are

- Devyser Genomic Laboratories is a part of Devyser, a global leader in genetic testing solutions
- We provide tailored NGS research services for biopharma and biotech clients, including post-transplant monitoring.
- With excellent customer service and state-of-the-art equipment, we are here to help you reach your study's goals.

Our BioPharma services for post-transplantation research

▶ Chimerism monitoring

for chimeric antigen receptor (CAR) T-cell and other hematopoietic stem cell transplant (HSCT) studies

Our highly sensitive chimerism laboratory developed test (LDT) enables true monitoring of micro-chimerism. We can tailor results according to our partner's needs.

- The test provides robust performance even with highly variable quantities of input DNA.
- Compared to real time PCR and STR fragment analysis, NGS assays have been shown to offer greater accuracy and sensitivity over a wide dynamic range.

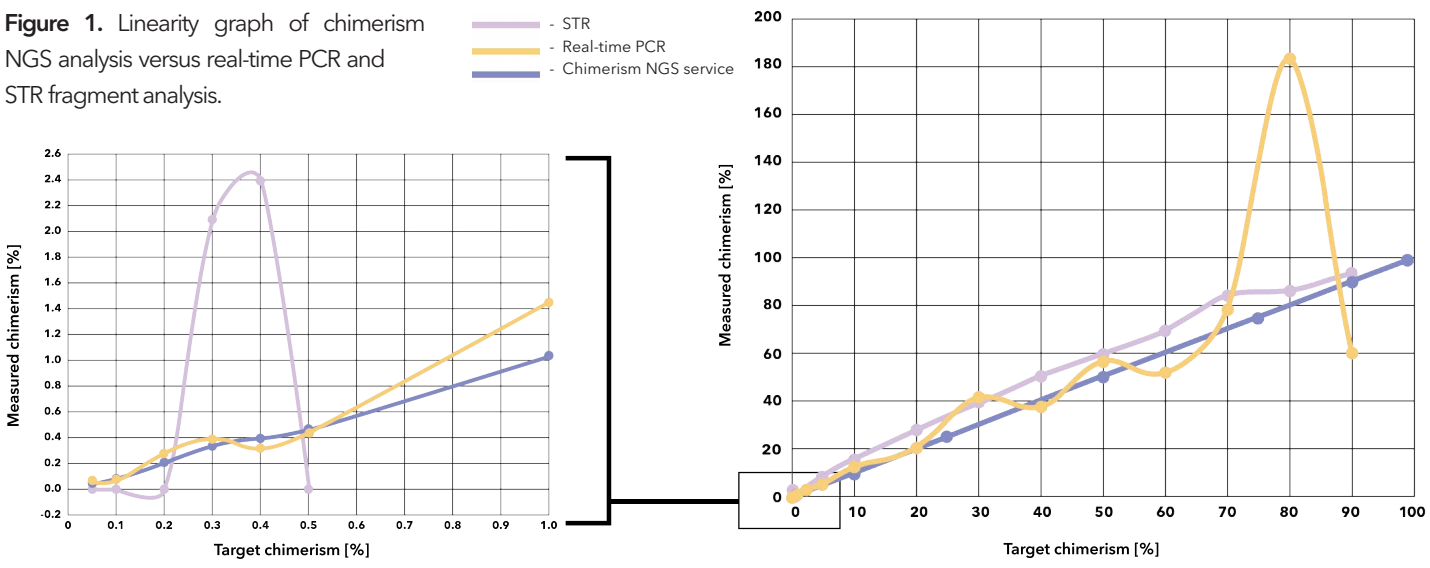
▶ dd-cfDNA monitoring

for solid organ transplant studies

Our in-house developed cfDNA assay measures donor-derived cell free DNA (dd-cfDNA) in plasma from organ transplanted patients.

- Highly sensitive assay with 50 informative indel markers
- Excellent linearity
- Population-independent results

Figure 1. Linearity graph of chimerism NGS analysis versus real-time PCR and STR fragment analysis.



Our BioPharma services for other research studies

We can tailor out services according to our partner's needs. Alongside our post-transplantation research services, we also have service capabilities in the following areas: CFTR NGS, BRCA PALB2 NGS, Lynch syndrome/FAP/MAP NGS, Thalassemia NGS and Familial Hypercholesterolemia NGS. Please enquire for more information at: **biopharma@devyser.com**

Capabilities

At Devyser Genomic Laboratories, we use state-of-the-art instruments and software to achieve the best results for your project, including:

- Nucleic acid extraction automation on Qiagen instrumentation
- NGS library preparation, QC, and sizing with Agilent technologies
- Ultra-sensitive NGS assays for low levels of detection
- Customizable data analysis with easy to interpret results, including trending graphs

Project management and logistics

Our team of experts at our CLIA-certified Atlanta laboratory is here to support your project's specific needs. We collaborate with you throughout the process to ensure that you receive high-quality and personalized service, helping achieve all your project's goals.

We will assign a project manager that will be your point of contact with Devyser Genomic Laboratories, enabling you to always be up to date on the status of your project with us.

Our laboratory is situated in Atlanta, a significant hub for the pharmaceutical and diagnostic industries. The recently acquired facilities are in proximity to the largest airport in the United States, the Hartsfield-Jackson Atlanta International Airport, facilitating expedited transportation of samples.

Devyser Genomic Laboratory has validated its laboratory developed tests (LDTs) in compliance with CLIA certification and College of American Pathologists accreditation requirements. Devyser Genomic Laboratory LDTs have not been cleared or approved by the US Food and Drug Administration (FDA). DGL is CLIA-certified (Number: 11D2278668) and CAP accreditation-pending.

Why choose Devyser Genomic Laboratories?

Confidence: With our expert staff and a modern, CLIA-certified laboratory we can provide you the highest confidence in the results

Collaboration: As a partner for your research, we offer personal and responsive customer service

Fast turnaround-time: With our streamlined laboratory workflow, we can provide you with fast results

Dvysr® CLIA certified lab

Pioneering NGS assay

State-of-the-art laboratory

Tailored and customizable services

First-class project management

Our team

Daniel H. Farkas, PhD, HCLD - Clinical Laboratory Director
Dr. Farkas is responsible for ensuring regulatory compliance and maintaining the highest standards of quality assurance and has helped optimize our laboratory's performance and workflow.

Kelly VanBemmel, MS, MB(ASCP)CM - Laboratory Operations Supervisor
Ms. VanBemmel manages the day-to-day operations of the laboratory and ensures that samples are efficiently and rapidly processed.

Our tests have been developed and their performance determined by our CLIA-certified laboratory performing the test. Laboratory-developed tests (LDTs) have not been cleared or approved by the US Food and Drug Administration (FDA). The FDA enforces discretion of regulations regarding premarket review for laboratory-developed tests in the USA, certification of the laboratory is required under the Clinical Laboratory Improvement Amendments act of 1988 (CLIA) to ensure the quality and validity of the tests. Our laboratory is CLIA-certified (Number: 11D2278668), CAP-accreditation pending.

To explore how we can facilitate your project, contact us at:

biopharma@devyser.com

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