in this issue

Dynamic Mutations

GC-MS Profiling of Urinary Organic Acids

Standardization of Pyridinium Crosslinks

MS Quantification of Apo A-I
Because somebody's life does.

FOR YOUR DIAGNOSTIC ASSAYS to play their part in saving lives, every component must meet the most stringent specifications. Intergen and its Center for Diagnostic Products provide the components you need for optimum performance.

All our diagnostic reagents are conceived with applications in mind. With a focus on quality, they're manufactured under GMP conditions, in a FDA registered facility currently preparing for ISO 9001 Certification.

Intergen control components are fully documented and traceable to the donor level.

That's why Intergen is linked to the success of so many of our customers' diagnostic products and that's why our reagents are found in millions of assays worldwide. Lives are saved every day thanks to early detection and timely treatment. With so much relying on the performance of your assays, it's good to know you can rely on Intergen.
CAN WE HAVE KIDS?

HOW SICK AM I?

I'M LOSING HER FAST, WHAT'S GOING ON?

HE'S GOING TO BE OK, RIGHT?
ANSWERING
LIFE’S MOST

WHAT IS DIAGNOSTICS?

To the woman living with HIV, it is hope. To the man waiting to find out if he has cancer, it is a terrifying unknown. To the couple that desperately wants to have children, it is the difference between heartache and joy. Diagnostics is not only about test results. It is about critical moments in a person’s life. It means answering more questions that help people get better faster and live longer. With more to live for.
**Who is Chiron Diagnostics?**

Take all the experience, innovation and worldwide diagnostics capabilities of Ciba Corning. Then add the research and discovery brilliance of Chiron, one of biotechnology's brightest stars. Together, we form Chiron Diagnostics, already one of the industry's largest companies, with 3,500 employees dedicated to expanding the role of diagnostics—and that of the people who use diagnostics—in more than 90 countries around the globe. And while our approach is new, it is built on a rich heritage. A history that includes many firsts in diagnostics, and research breakthroughs that have helped rewrite medical textbooks.

**Important Questions.**

**Where do we go from here?**

Chiron Diagnostics is playing a vital role in helping Chiron Corporation achieve its ambitious goal: to end human suffering caused by disease. We are taking on some of the world's most pressing health problems. Killers that can devastate families and weaken countries. These enemies include AIDS, heart disease and cancer. We will search for them with all our skill, and give you new tools to fight the battle. By introducing the Therametrics approach, we will marry diagnostics to therapy, improving them both. Together with our health care partners, we will transform the purpose of diagnostics in medicine. Because every day there are hard questions to ask, and patients whose lives depend on the answers.

*CHIRON DIAGNOSTICS*
MORE ANSWERS IN IMMUNODIAGNOSTICS.
The earlier disease is detected the better our chances to stop it. That is why we are aggressively expanding our testing capability to include more tests in areas such as endocrinology, oncology and therapeutic drug monitoring, while greatly increasing our efforts in infectious diseases. Add this to our industry-leading chemiluminescence diagnostic technology, and you have a system that will give you more answers faster and with greater accuracy. Our ACS Systems are advanced, fully automated random-access immunoassay systems. And soon, they will take immunodiagnostics to new levels of importance and productivity.

FAST ANSWERS IN CRITICAL CARE DIAGNOSTICS.
When the difference between life and death is literally measured in seconds, you need fast, accurate answers. We provide them, in a total solution—one that meets your medical, technical and financial needs. Our systems for measuring blood gas, electrolytes, metabolites and CO-oximetry provide rapid information in the critical care setting, and they lead the industry. Just as we have done for over twenty-five years. Today, we are one of the only critical care and diagnostic companies that offers multiple platforms to the Laboratory and Patient Care areas. Add our information management systems, blood collection devices and quality control solutions, and you have the fast, accurate answers you need—when and where you need them.

NEW ANSWERS IN NUCLEIC ACID DIAGNOSTICS.
Just a few years ago, measuring the amount of specific viruses in blood was impossible. Today, viral load measurements, made with our branched DNA assays, are becoming routine. These unique assays will provide new information to physicians so that in the future, patients infected with viruses like HIV and HCV can be treated more effectively. In fact, virus levels directly quantified by bDNA probe technology now predict HIV disease progression as much as two years earlier than CD4+ T-cell counts. So for the first time, physicians will be able to gauge HIV disease progression and develop rational treatment strategies.

ANSWERING LIFE'S MOST IMPORTANT QUESTIONS.
We go to great lengths to help you.
Beckman's continually growing menu of reagents is more comprehensive than ever. So now you can consolidate more tests on your SYNCHRON® Clinical Chemistry Systems.

New TDMs, DATs and serologies have been added to our already extensive menu of 72 ready-to-use cartridge chemistries. Our menu also includes thyroids, proteins, and general chemistries.

We now offer the complete menu of the most commonly used urine DATs.

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- 42 days within lot calibration
- 42 days on-board stability

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