

Roche Diagnostics

We Innovate Healthcare

Our passion to improve lives is the driving force behind Roche Diagnostics' innovation in the diagnostics industry. As a global leader in healthcare, Roche develops and produces medical tests that provide information to help healthcare professionals find the right treatment for patients and deliver the best patient care to improve, prolong and save lives.

Specifically, we offer a wide range of diagnostic tools that help in the early detection, prevention, diagnosis and treatment of diseases like congestive heart failure, HIV, hepatitis and diabetes, as well as other medical conditions, such as fertility and blood coagulation. The tools also provide information doctors can use to monitor drug therapies to ensure patients receive the most effective treatments. These products and services are used by researchers, physicians, patients, hospitals and laboratories worldwide to improve patients' lives.

Our diagnostic solutions are also designed to translate data from multiple sources to help healthcare professionals make informed decisions about disease prevention or therapy – which has enabled us to take diagnostics into new dimensions and helped us respond quickly to a variety of global health issues, such as HIV/AIDS.

Roche Diagnostics is also committed to seeking new diagnostics solutions and improving our products and services. In 2008, for example, the company spent nearly 10 percent of its global sales revenue on research and development, significantly above the market average.

Roche offers diagnostics solutions in many areas of healthcare, including the fields of:

- **diabetes care** (handheld blood glucose monitors for physicians and patients)
- **centralized diagnostics** (clinical chemistry and immunoassay analyzers for laboratories)
- **point-of-care testing** (handheld and benchtop monitoring devices for hospitals, clinics and physician offices)
- **molecular diagnostics** (PCR systems for blood screening, infectious disease testing and genetic testing)
- **applied science** (genome sequencing, genetic variation and gene expression detection for research)
- **tissue diagnostics** (slide-based tissue diagnosis of cancer and infectious disease)

About the Roche Group

Headquartered in Basel, Switzerland, Roche is one of the world's leading research-focused healthcare groups in the fields of pharmaceuticals and diagnostics. As the world's biggest biotech company and an innovator of products and services for the early detection, prevention, diagnosis and treatment of diseases, the Group contributes on a broad range of fronts to improving people's health and quality of life. Roche is the world leader in *in-vitro* diagnostics and drugs for cancer and transplantation, and is a market leader in virology. It is also active in other major therapeutic areas such as autoimmune diseases, inflammatory and metabolic disorders and diseases of the central nervous system. In 2008, sales by the Pharmaceuticals Division totalled 36.0 billion Swiss francs, and the Diagnostics Division posted sales of 9.7 billion francs. Roche has R&D agreements and strategic alliances with numerous partners, including majority ownership interest in Chugai, and invested nearly 9 billion Swiss francs in R&D in 2008. Worldwide, the Group employs about 80,000 people.

Indianapolis – North American Headquarters

The Roche Diagnostics Indianapolis campus is home to U.S. research and development, laboratory, manufacturing, distribution, information technology and administrative operations. It supports five distinct business areas: Diabetes Care; Professional Diagnostics–Hospital; Professional Diagnostics–Physician Office Laboratory; Molecular Diagnostics; and Applied Science.

About two-thirds of the workforce supports sales and marketing efforts. The Indianapolis campus is also a major production site of test strips for ACCU-CHEK® and CoaguChek® products, manufacturing about 1.9 billion strips for both product lines combined each year.

We market and sell a broad range of *in-vitro* (outside the body) diagnostics products to consumers, physicians, hospitals, reference laboratories and researchers.

- Our ACCU-CHEK products are used by hospitals and by people with diabetes to measure blood sugar levels, while our CoaguChek products are used to measure blood-clotting times for people on Coumadin® (warfarin) therapy.
- Researchers have used our Genome Sequencer technology to map the genomes of the woolly mammoth, honeybee and wine grapes, and to discover new viruses that are responsible for the deaths of transplant recipients and suspected in the deaths of honeybees worldwide. Pharmaceutical researchers also use our LightCycler®* 480 in drug clinical trials to determine patients' reactions to therapies.
- Physicians use our AmpliChip test to determine which therapies are better for treating patients based on how they metabolize drugs. Physicians also use our HIV viral load monitoring tests to help them determine how therapy is working for HIV patients.
- Patients who come through hospital emergency rooms complaining of chest pains or shortness of breath benefit from our products that physicians use to help determine whether they have heart conditions. When babies are born, our bilirubin test is used to help determine how their livers are functioning.
- Hospitals and independent laboratories use our analyzers and our test kits to provide information on a broad spectrum of tests—from cholesterol, blood sugar and infectious disease to drugs of abuse, osteoporosis and cancer.

Indianapolis History

Roche Diagnostics has been part of the Indianapolis landscape since 1964, when it was founded as Bio-Dynamics, which was later acquired by Boehringer Mannheim Corporation, which Roche acquired in 1998. Within three years, Roche became a world leader in diagnostics, with a broad portfolio of innovative products and a strong global presence. Since then, Roche has also played a vital role in developing Indiana's life sciences initiative.

Today, Roche Diagnostics has about 3,800 employees reporting into Indianapolis, with 2,800 working on site. The Indianapolis campus includes 18 buildings, encompassing 1.3 million square feet on 155 acres. Facilities in nearby counties include about 425,000 square feet.

Site plans for 2010 include a state-of-the-art chiller plant that will make the site one of a few in the U.S. with zero emissions from three ozone-depleting chemicals: chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFCs) and hydrofluorocarbons (HFCs).

Business Units / Areas of Expertise

Applied Science

Roche is one of the world's leading producers of instruments and reagents (chemicals) for life science research. Our particular focus on genomics and proteomics led to the creation of the LightCycler®* instrument for real-time polymerase chain reaction (PCR) research and the Genome Sequencer System for ultra-fast genome sequencing.

Diabetes Care

A world leader and a pioneer in innovating blood glucose monitoring systems, Roche is committed to delivering solutions that meet the needs of people with diabetes and their healthcare professionals. ACCU-CHEK products and services – such as blood glucose meters, lancets, test strips, insulin pump systems, infusion sets and supplies, and data management tools – help people better manage their diabetes..

Molecular Diagnostics

Roche focuses on developing predictive tools to assist in patient prognosis and treatment, as well as blood screening applications that help safeguard the nation's blood, organ and tissue supply. Our portfolio is based on polymerase chain reaction (PCR) technology—the world's leading nucleic acid testing (NAT) technology—and applies clinical diagnostics in virology, women's health, microbiology, blood screening, genomics and oncology. PCR has served as an aid in genetic identification and has provided the basis for unprecedented advances in the diagnosis and monitoring of life-threatening diseases, such as HIV and hepatitis.

Professional Diagnostics – Hospital

High-performance analytical systems and services from Roche help independent and hospital-based diagnostics laboratories enhance patient care, increase their productivity and improve their business performance. We offer a broad portfolio of innovative solutions that range from high-volume automated analyzer systems, diagnostics tests and workflow solutions for large labs to small, handheld meters and portable benchtop analyzers that are used by healthcare professionals for rapid diagnosis at the point of care (the patient bedside, ICU, ambulance, etc.).

Professional Diagnostics – Physician Office Lab

Roche offers products and services for diagnostic testing by medical professionals in physician offices and outpatient clinics, as well as for patient self-testing. We develop a variety of diagnostics tools that are easy to use and provide fast results, such as portable urine analyzers, small benchtop clinical chemistry analyzers that offer a broad test menu, and CoaguChek handheld anticoagulation monitors, which are used to test blood clotting time for patients on Coumadin® therapy.

Roche Diagnostics Corporation

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Roche Diagnostics North American Operations

Indianapolis, Ind.	Roche Diagnostics North American headquarters for research and development, laboratory, manufacturing, distribution, information technology and administrative operations.
Fishers, Ind.	Disetronic Medical Systems U.S. headquarters for sales/marketing and customer service for North American affiliates.
Laval, Quebec, Canada	Roche Diagnostics Canadian headquarters for sales, service and marketing support.
Ponce, Puerto Rico	Manufacturing for blood glucose and coagulation test strips
Pleasanton, Calif.	Roche Molecular Diagnostics global headquarters for research and development and marketing of PCR-based diagnostic tests and systems.
Branchburg/Belleville, N.J.	Roche Molecular Diagnostics global manufacturing and distribution.
Brandford, Conn.	Headquarters for 454 Life Sciences, a Roche company that develops and commercializes the innovative Genome Sequencer™ system for ultra-high-throughput DNA sequencing.
Madison, Wisc.	Headquarters for Roche NimbleGen, a manufacturer and supplier of a proprietary suite of DNA microarrays, consumables, instruments and services.
Tucson, Ariz.	Headquarters for Ventana Medical Systems, one of the world's leading developers and manufacturers of medical diagnostic instrument and reagent systems for use in slide-based tissue diagnosis of cancer and infectious disease.

* The technology used for the LightCycler is licensed from Idaho Technology, Inc.

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