

HUMAN HEALTH

ENVIRONMENTAL HEALTH



TURNING KNOWLEDGE
INTO ACTION
FOR A HEALTHIER
WORLD



[Company Overview](#)



PerkinElmer
For the Better

Engaged in a proactive fight against illness, contamination and threats to our well-being, at PerkinElmer we conceive and deliver scientific and business innovations through our solutions and services to meet society's ever-changing needs. We're committed to transforming risk into safety, mystery into knowledge, and ideas into action for a healthier today and a better tomorrow.

BETTER OUTCOMES

As a global technology leader, PerkinElmer is taking action to harness the power of insights and transform them into knowledge to deliver innovative, differentiated value offerings. By encouraging exploration, ingenuity and integrity, together with teamwork and employee development, at PerkinElmer we live our mission, every day.

Our strong foundation in science, market-leading technologies, critical knowledge and expertise help drive improved results so that you can make better decisions and ultimately deliver better outcomes.

From critical therapeutic and disease research and prenatal screening to environmental testing and industrial monitoring, we are actively engaged in improving health and advancing quality of life all around the world.

From multi-vendor laboratory services to clinical lab testing and unparalleled customer care, we have the people, tools and resources to deliver personalized service globally.

Our core competencies, coupled with our commitment to excellence, provide a strong foundation for delivering optimal service and support for all our customers around the world.

Our Company At A Glance

- Mission – Improving the health and safety of people and the environment
 - Founded in 1937
 - Approximately 6,200 employees worldwide
 - Operations in more than 150 countries
 - Over 2,900 patents
 - Solutions and services for:
 - Diagnostics
 - Biomedical
 - Environmental
 - Food and Consumer Safety
 - Industrial
-



DIAGNOSTICS

For scientists, healthcare professionals and their patients, our solutions support earlier, more accurate assessments and diagnosis for more effective therapies and disease prevention to help people lead longer, healthier lives.

Family Health

Metabolic and other inherited disorders can be harmful, even deadly, when undetected. We offer a comprehensive array of solutions, services and leading scientific expertise, ranging from the most well-established technologies to the latest medical advances. We are a world leader in newborn screening, a pioneer in prenatal risk assessment and next generation diagnostic capabilities, as well as a leader in family cord blood banking. Worldwide, we've screened over 300 million babies to date for disorders, such as congenital hypothyroidism and phenylketonuria (PKU).

Professional & Patient Services

Through PerkinElmer Labs, a global network of specialty diagnostic labs focused on testing for prenatal, neonatal and family health, we provide a wide array of clinical lab testing services. Through ViaCord®, our family cord blood banking service, we provide families the services needed to collect and preserve newborn cord blood and cord tissue stem cells to offer potentially lifesaving treatment options in the future.

Medical Imaging

With solutions that deliver superior image quality supported by application expertise, we enable customers to manufacture X-ray systems that achieve earlier, more accurate diagnosis for more effective therapies and less invasive treatment options. PerkinElmer is a leading global supplier of Digital X-Ray Flat Panel Detectors (FPDs) to manufacturers of real-time, state-of-the-art digital X-ray equipment for radiation therapy and radiosurgery oncology treatment and cardiovascular and neurovascular imaging.



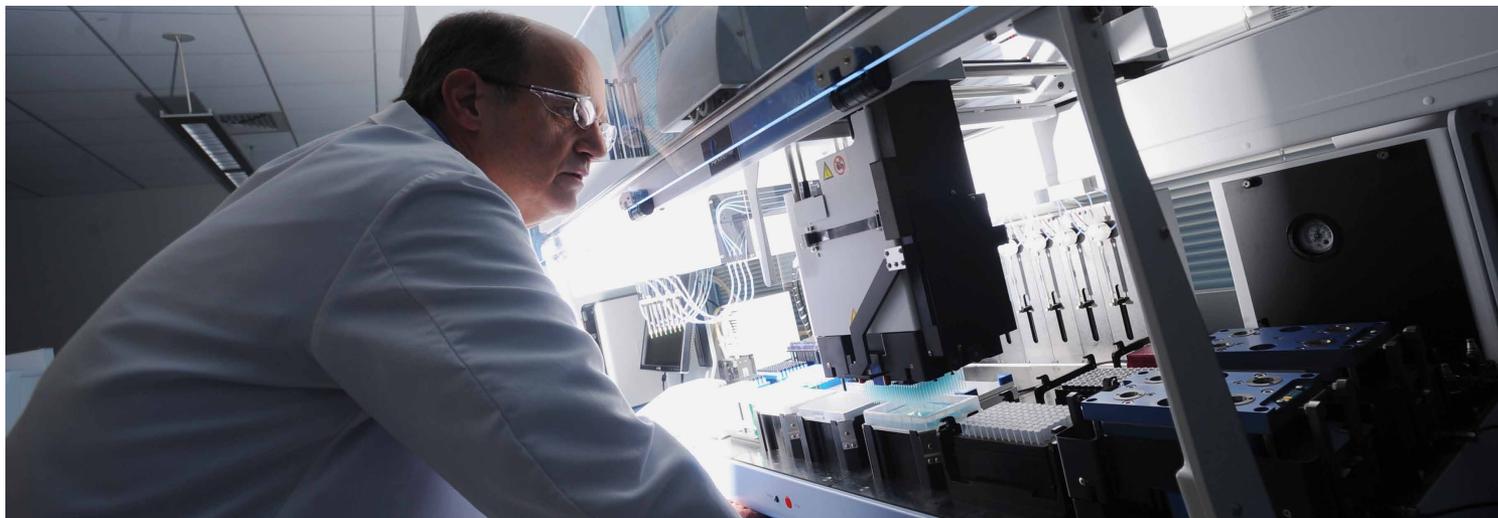
- Applications:** Clinical screening • Cord blood banking • Cytogenetics • Diabetes • Hemoglobinopathies • Hepatitis B and HIV testing • Newborn screening for metabolic disorders • Oncology • Pre-eclampsia and preterm birth • Prenatal risk assessment for trisomy disorders • Reproductive hormones and infertility • Thyroid diseases

- Technologies:** Array CGH • Automatic immunoassays • BACs-on-Beads™ • Mass spectroscopy • Time-resolved fluorescence (TRF)



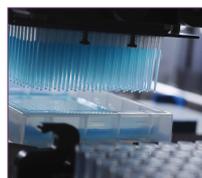
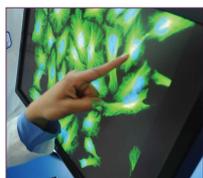
- Applications:** Digital alternative to film-based imaging for potential applications supporting 3D cone-beam CT • Angiography, cardiovascular and neurovascular imaging • Bone densitometry • Brachytherapy • Proton/particle therapy • Radiation therapy • Radiosurgery • Therapy simulation • Veterinary

- Technologies:** Digital X-Ray Flat Panel Detectors (FPDs)



BIOMEDICAL

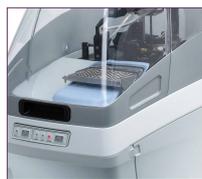
For scientists committed to the discovery, development and commercialization of treatments that contribute to improved health, we help improve visibility into disease pathways and the ability to deliver better drugs and therapies to market faster.



Applications: Biomarkers • Cellular research • Drug discovery screening
 • Epigenetics • G-protein coupled receptors • Immunogenicity • Kinases
 • Protein expression and detection

Technologies: 2D, 3D and 4D imaging and analysis • Absorbance/
 chromogenic detection • Alpha technology • Fluorescence • Informatics
 • Luminescence • Microscopy • Phosphor imaging • Quantitative in vivo
 imaging • Radiometric detection

Services: Instrument repair and maintenance • Instrument validation
 • Lab relocation • Multi-vendor instrument service • Next generation DNA
 sequencing and analysis • OneSource™ asset management



Applications: Formulation • Material identification • Organic volatile
 impurity • Polymorph identification • Purity • Stability studies
 • Uniformity

Technologies: Atomic spectroscopy • Chromatography • Elemental
 analysis • Informatics • Molecular spectroscopy • Raman spectroscopy
 • Thermal analysis

Services: Instrument repair and maintenance • Instrument validation
 • Lab relocation • Multi-vendor instrument service • OneSource™ asset
 management

Life Science Research & Discovery

We provide researchers the ability to approach targets from multiple perspectives; to locate, detect, sequence and quantitate their biology of interest; and to analyze so as to understand it in wider physiological contexts. With a full range of technologies, reagents, assay platforms, comprehensive software suites, instruments and next generation DNA sequencing services, we deliver on your cell-based, biochemical, radiochemical or blotting needs to move research and drug discovery forward with the translational data and analysis that lead to breakthrough insights.

Pharmaceutical Development & Manufacturing

Ensuring that high-quality, safe and non-counterfeit drugs get to the market quickly and effectively is an increasingly critical global need. Our offerings help the pharmaceutical industry to improve product quality and drive down costs by providing greater understanding and control of critical formulation, scale-up and manufacturing processes, and comprehensive lab services to ensure optimized lab operations and increased lab productivity.



ENVIRONMENTAL

Professionals responsible for the quality and safety of natural resources are assured early, accurate and compliant results, helping to ensure a brighter tomorrow.

Environmental Monitoring

Our environmental monitoring solutions help to keep us safe every day. From radioactive and organic contaminant monitoring to trace and toxic metals and chemicals determination, we deliver essential insights with unmatched expertise, systems and comprehensive services required to monitor for harmful contaminants in air, water and soil and to keep your labs running efficiently and smoothly. We also recognize the critical need for fostering global awareness and education on the importance of protecting water resources around the world. We are proud to partner with the Water Environment Federation to sponsor World Water Monitoring Day™ to engage citizens to conduct basic monitoring of their local water bodies.



Applications: Air, water, soil and hazardous waste analysis

- Biomonitoring • Industrial hygiene

Technologies: Atomic spectroscopy • Chromatography • Elemental analysis • Informatics • Mass spectrometry • Molecular spectroscopy

- Radiometric detection

Services: Instrument repair and maintenance • Instrument validation

- Lab relocation • Multi-vendor instrument service • OneSource™ asset management

Renewable Energy Development

The world's energy needs are changing at a rapid pace, and we are helping by providing the systems, services and expertise required to meet the evolving testing challenges. From the exploration of new energy sources to quality assurance of advanced materials used in alternative energy technologies, we partner with you to help maximize quality and optimize precision throughout your process while helping you stay compliant amid the evolving regulatory landscape.



Applications: Biodiesel development and testing • Bioethanol development and testing • Solar energy material development, QA/QC and testing

Technologies: Atomic spectroscopy • Chromatography • Elemental analysis • Informatics • Mass spectrometry • Molecular spectroscopy

- Radiometric detection • Thermal analysis

Services: Instrument repair and maintenance • Instrument validation

- Lab relocation • Multi-vendor instrument service • OneSource™ asset management



FOOD AND CONSUMER SAFETY

For organizations charged with protecting the health of people through safe, nutritional and high-quality food and safe consumer products, we understand regulatory requirements, and our solutions provide accurate results so that you can comply with those requirements and have confidence in the products you release to market.



Applications: Adulteration • Agriculture genetic screening
 • Authenticity • Contaminant detection and identification • Flavors and fragrances • Labeling compliance • Nutraceuticals • Pesticide residue
 • Quality assurance

Technologies: Atomic spectroscopy • Chromatography • Elemental analysis • Informatics • Mass spectrometry • Molecular spectroscopy
 • Radiometric detection • Raman spectroscopy • Thermal analysis

Services: Instrument repair and maintenance • Instrument validation
 • Lab automation • Lab relocation • Multi-vendor instrument service
 • OneSource™ asset management



Applications: Dyes • Glycols • Lead and other hazardous metals • Plasticizers in vinyl products • Solvent residues in plastic goods

Technologies: Atomic spectroscopy • Chromatography • Informatics
 • Molecular spectroscopy

Services: Instrument repair and maintenance • Instrument validation
 • Lab relocation • Multi-vendor instrument service • OneSource™ asset management

Food Quality, Nutrition & Safety

As the production and transport of food has become more complex and with consumers eating a wide variety of food from around the world, so has protecting the safety and ensuring the quality and nutrition of our food. Rely on us to guide you in meeting food and beverage testing requirements efficiently with solutions that rapidly deliver accurate results and comprehensive services. We help keep your lab running efficiently and smoothly so that you can assure authenticity, quality, nutrition, safety and regulatory compliance.

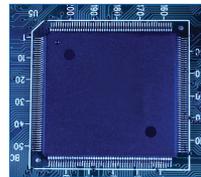
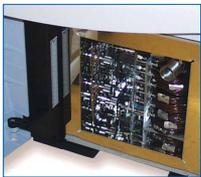
Consumer Goods Safety

Globalization of the supply chain has caused a significant increase in the number of products imported and exported globally. We provide a variety of solutions that detect the presence of potentially dangerous materials, including lead, cadmium, bisphenol A and phthalates in toys and other consumer products in order to help ensure their safety for use or consumption. With products, lab operational services, methods and expertise to confirm regulatory compliance and address critical consumer product testing needs, we help assure product safety and efficacy.



INDUSTRIAL

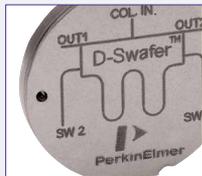
To ensure product safety, quality and integrity, analytical techniques are critical. We provide organizations responsible for manufacturing and testing materials with solutions targeted to a wide range of applications. These solutions help support proactive monitoring and issue prevention, regulatory compliance, reliable quality and improved productivity without introducing risk.



Applications: 3D cone-beam CT • Casting inspection • Film replacement • Geology • In-line manufacturing inspection • Lubricants and oils • PCB inspection • Petrochemical • Petroleum refining • Pipeline inspection • Semiconductor • X-ray metrology

Technologies: Atomic spectroscopy • Chromatography • Digital X-Ray Flat Panel Detectors (FPDs) • Informatics • Molecular spectroscopy • Thermal analysis

Services: Instrument repair and maintenance • Instrument validation • Lab relocation • Multi-vendor instrument service • OneSource™ asset management



Consumables, Supplies & Accessories

Every day you can count on PerkinElmer to provide solutions that deliver reliable performance, control operating costs and maximize operational time. Our complete portfolio of consumables, supplies, accessories and training will help you meet both routine and demanding measurement challenges. With our flexible, online ordering system, you can browse from our wide selection of products and training to choose the best fit for your laboratory. We invest heavily in testing and validating our products to ensure that you receive compatibility and performance – on-time, every time, and for every instrument in your laboratory.



Corporate Social Responsibility

PerkinElmer is an active corporate citizen committed to creating better outcomes in our communities and contributing to the improvement of human and environmental health across the world. Through community involvement, product stewardship and responsible business practices, we're committed to making a difference.

Together, we're actively improving the health and well-being of people and the environment for a healthier today and even better tomorrow.

LEARN MORE AT: PERKINELMER.COM

PerkinElmer, Inc.
940 Winter Street
Waltham, MA 02451 USA
P: (800) 762-4000 or
(+1) 203-925-4602
www.perkinelmer.com



For a complete listing of our global offices, visit www.perkinelmer.com/ContactUs

Copyright © 2011, PerkinElmer, Inc. All rights reserved. PerkinElmer® is a registered trademark of PerkinElmer, Inc. All other trademarks are the property of their respective owners.

008721A_01

Printed in USA