

Real Insight. Real Outcomes. Agilent CrossLab delivers for you.



Agilent CrossLab integrates services, consumables and lab-wide resource management to help laboratories improve efficiency, optimize operations, increase instrument uptime, develop user skill and more.

Agilent CrossLab supports Agilent and select non-Agilent instruments, providing consultative advice for workflow enablement, lab analytics, compliance and more.

- **Operational Efficiency** - From asset management to applications support to laboratory analytics, Agilent CrossLab can help you improve operational efficiency.
- **Better Analytical Results** - The right consumable can make a big difference in instrument performance and analytical accuracy. See how consumables and service tips have helped labs improve their analyses.
- **Increased Productivity** - CrossLab Services provide you with insight that improves lab productivity, through better instrument performance, tips to improve user skill, improve lab environments and more.
- **Service Expertise** - From On-demand repairs to full-service contracts, Agilent CrossLab has you covered.
- **Columns and Lab Supplies** - Improve analytical results and enhance performance with the right consumables and supplies.
- **Education and Training** - Agilent University offers on-site, off site, online and custom training for all skill levels.

Agilent A Line Vials

Your precious samples deserve vials that provide the lowest variability and best recoveries

Agilent A-Line vials provide utmost confidence in your results because they will not remove analytes from your sample matrices.

Don't settle for less than the best. Choose the right vial for your application at www.agilent.com/chem/selectvials



Agilent InfinityLab LC Columns and Supplies

- Maximize system performance and efficiency with InfinityLab LC columns
- InfinityLab Poroshell 120 available in 19 chemistries including new phases for chiral and HILIC separations
- Experience exceptional separation efficiency, and significantly boost performance and throughput.
- Range of innovative consumables designed to optimize your LC analyses
- From maintaining your LC system, to controlling harmful solvent fumes, these innovative supplies solve your everyday laboratory problems



Buy online
www.agilent.com/chem/store

Find an Agilent customer center
www.agilent.com/chem/contactus

India Toll Free

1-800-180-1517

1-800-102-7906

India

India-lsca_marketing@agilent.com

Service enquiry

Customercare.india@agilent.com

Follow us on **LinkedIn**
<https://www.linkedin.com/showcase/agilentindia>



or scan the QR code above

For Research Use Only. Not for use in diagnostic procedures.

This information is subject to change without notice.

© Agilent Technologies, Inc. 2019
Published in India, August 2019



Be Agilent Sure

Pharma Analysis and
Regulatory Compliance



From drug discovery and development to quality control, let Agilent help your lab become more efficient

As the cost of bringing new drugs to market continues to grow so does the pressure to increase efficiency and productivity throughout the development cycle. Speed to decision is critical. You need to rapidly evaluate potential candidate compounds and confidently assess their effectiveness as therapeutic drugs. Agilent can help meet your needs in drug discovery with high throughput automated systems for compound identification in early discovery and with sophisticated, highly sensitive analytical systems that can provide quick answers to routine questions—for both expert users and trained technicians.

Pharmaceutical Molecule Search To Product Manufacturing Life Cycle

Disease Research target Identification

Genetics of Disease

- Sequence variants
- SNP Genotyping
- Copy number variants
- DNA methylation

Expression Profiling

- mRNA expression
- miRNA expression
- Protein expression

Functional Genomics

- RNA interference
- Protein interaction
- Structure & function

Target Validation

- Knock-ins/outs
- Cell-based assays
- In vivo imaging

Biological pathways and interaction networks

- Genomics
- Proteomics
- Metabolomics

Drug Discovery

Lead Discovery

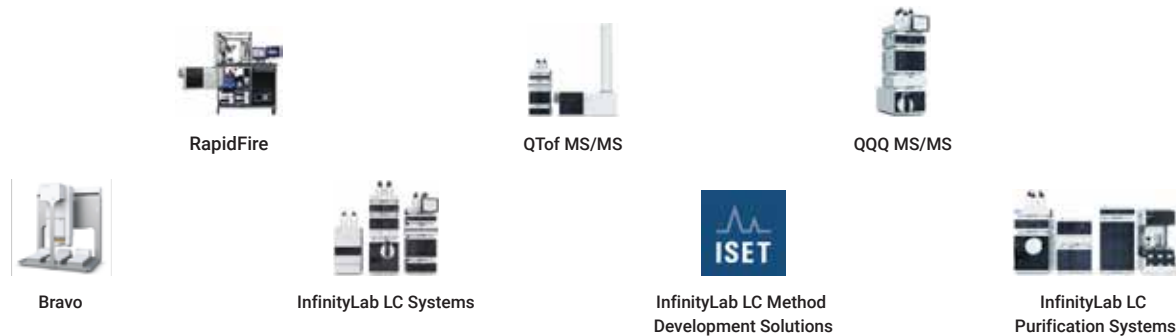
- High throughput Screening
- Fragment screening
- Structure Confirmation (QC)
- Quantitation of hits (rare)
- Ligand binding/interactions

Lead Optimization/Medicinal Chemistry

- Target/Lead Co-crystal structures
- Reaction Monitoring
- Purity Analysis
- Chiral and achiral analytical/Prep analysis and method development
- Diastereomeric Excess Ratio/Enantiomeric Excess Ratios
- Purification
- Structure Confirmation and Determination
- QC (Purity)

Lead Optimization/Translational Sciences

- HT-ADME
- Early Met ID (High and medium throughput)
- Discovery PK/bioanalysis (non-regulated)
- Pre-formulation
 - Acid/base stability
- Early API degradation analysis



Developing small molecule pharmaceuticals requires efficient processes together with an evaluation of safety and efficacy. You have to make critical decisions from a variety of compound assessments - and you need to be absolutely confident that you're making the right choice. Agilent solutions for ADME/PK, purification, impurities analysis, method development, and quality by design (QbD) provide the answers and efficiency you need with the reliability you expect from Agilent.

We understand that, in manufacturing and quality control, productivity and compliance are critical, and we have solutions to help you:

Gain Greater “Confidence” In Drug Development With Agilent Solutions

Drug Development

Drug Metabolism, Pharmacokinetics and Toxicology

- Drug Metabolite Identification
- PK/Bioanalysis (non-GLP and GLP)
- Bioavailability/ Bioequivalence studies
- Toxicokinetics (TK)/ bioanalysis (non-GLP and GLP)

Process and Formulation Development

- Purification (during API synthesis)
- Polymorph analysis
- Purity assessment – analytical method development/transfer
- Impurity analysis – organic, inorganic and volatile
- Residual Solvent Analysis
- Stability indicating method development
- Degradant Identification
- Leachables and Extractables analysis
- Analysis of genotoxic and mutagenic compounds

Clinical Trials

- Safety and Metabolism
- Regulated Pharmacokinetics/Bioanalysis
- Patient stratification (via NGS)
- qPCR genotyping/ viral load/ gene expression



Identify incoming raw materials | Monitor volatile, semi-volatile, or non-volatile impurities | Evaluate dissolution properties | Determine content uniformity

Agilent understands your needs in pharmaceutical discovery, development, manufacturing, and quality control and has sample-to-data solutions that work together seamlessly. Let us help you rapidly move new pharmaceutical candidates toward approval.

Agilent Solutions Enable “Reliable” Quality Control in Manufacturing

Manufacturing

Quality Control

- Raw material purity testing
- End product (Release) Testing (purity, impurity, dissolution, content uniformity etc.)
- Cleaning Validation

Pharmaceutical Impurities Analysis

Elemental Analysis

Extractables and Leachables Analysis (E&L) Residual Solvent

Analysis

Dissolution Testing

Content Uniformity, Assay and Identification Polymorph Analysis

Compliance

Raw Material Identification in Pharma QC Botanicals

