

# High Stakes. High Performance. High Confidence.

## Agilent 1290 Infinity II Bio LC System

The biocompatible 1290 Infinity II Bio LC with High-Speed Pump provides outstanding robustness for the most challenging biopharmaceutical analyses, with binary-pump technology ensuring ultrahigh performance.

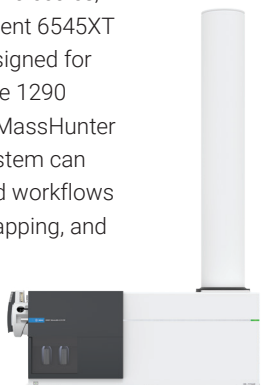


## For Your Most Complex Biopharma Needs

The 1290 Infinity II Bio LC System provides all the advantages of a 1290 Infinity II LC, plus a biocompatible flow path for high-performance analysis of critical quality attributes in biopharma. The system gives flexibility in a constantly changing environment, and facilitates method transfer from legacy instruments.

### Expand your scope with LC/MS

Whether analyzing large biomolecules, peptides, or glycans, the Agilent 6545XT AdvanceBio LC/Q-TOF is designed for biopharma. Together with the 1290 Infinity II Bio LC and Agilent MassHunter BioConfirm software, the system can be used to realize automated workflows for intact protein, peptide mapping, and glycan analysis.



### Biocompatible valve automation

InfinityLab Quick Change Valves enable sample enrichment and clean up, automated column regeneration, and enhanced system flushing ability.

### Built-in sampling versatility

The 1290 Infinity II Bio Multisampler allows for adaptable injection volumes, thermostating of temperature-sensitive bio-analytes, and ultralow carryover.





# BIO

## Multiple detection options

Choose from a wide range of sensitive optical detection capabilities with a variety of flow cells, including variable wavelength, diode array and fluorescence detectors, and the Bio-MDS System.

## Versatile column handling

The 1290 Infinity II MCT, featuring the Thermal Equilibration Device, gives high temperature stability for the most challenging applications, together with various bio heat exchangers, Quick Change and Quick Connect capillaries, fittings, and kits.



## Reliable solvent delivery

Built for robustness under the harsh conditions of high salt or high/low pH, the 1290 Infinity II Bio High-Speed Pump maintains precise flow rates at pressures up to 1300 bar for demanding applications such as long, shallow gradients or high throughput.

## Agilent OpenLab

### Master your chromatography

Controlled through Agilent OpenLab software, InfinityLab LC Series instruments support your efforts to optimize your bioanalysis LC workflows by reducing the time you spend on data processing, review, and reporting.

## Agilent CrossLab

### Boost your lab operations

Agilent CrossLab integrates services, software, and consumables to help you improve your lab's efficiency and productivity. You gain access to a global team of scientific and technical experts who help deliver vital insights through classroom, and virtual education programs at Agilent University for every level of the lab environment.

### Advanced column performance

Agilent AdvanceBio LC columns are designed for the analysis of biotherapeutics, from discovery to QA/QC. For UV quantitation or MS analysis, and from conventional stainless-steel columns to newly introduced, fully bio-inert columns, we have products optimized to suit your application needs and instrument capabilities.



## Reliable, efficient, always innovating for your best result

You can rely on Agilent InfinityLab LC instruments, columns, and supplies to deliver rugged quality and robust analytical results. But our promise to you does not stop there. Every component of the Agilent InfinityLab family is designed to work together to help you improve your workflow, increasing efficiency and reducing operational costs.

Learn more about InfinityLab at [www.agilent.com/chem/infinitylab](http://www.agilent.com/chem/infinitylab)

Learn more:

[www.agilent.com/chem/1290-bio-lc](http://www.agilent.com/chem/1290-bio-lc)

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