



Diagnostics by HPLC LC-MS/MS

Overview

Liquid chromatography-tandem mass spectrometry (LC-MS/MS) and high performance/pressure liquid chromatography (HPLC) have seen enormous growth in clinical laboratories applied to low molecular weight analytes, with the main drivers being:

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- Analytical specificity superior to that of conventional immunoassays
- Limitations of immunoassays for low molecular weight compounds
- Easier workflows and higher throughput than conventional immunoassays
- Significant lower cost of using LC-MS/MS equipment for testing, compared with the alternative techniques.

Service Offering

FUNDACION MEDINA provides with determination a wide range of clinically relevant parameters, using high performance liquid chromatography (HPLC) or liquid chromatography with tandem mass spectrometry (LC-MS/MS), covering the complete analytical process from sample preparation to result analysis.

We offer complete solutions for in-vitro diagnostics in areas such as:

- Therapeutic Drug Monitoring
- Osteoporosis Diagnosis
- Newborn Screening
- Biogenic Amines
- Vitamin Status
- Monitoring Of Oxidative Stress

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- Arteriosclerosis
- Chronic Alcohol Abuse
- Occupational Medicine
- Porphyrin Profiling
- Hemoglobin Testing.