

Ultra Performance Liquid Chromatography

Description

Waters ACQUITY UPLC® ([More details](#))

Location

Rm510A, Biotech Centre 1

Features

Increased resolution

- Sub-2- μ m particle chemistry
- Provides 3X higher efficiency than 5 μ m particles
- 70% higher resolution than 5 μ m particles

Detectors

- Photodiode Array (PDA)
- Fluorescence (FLR)
- Evaporative Light Scattering (ELS)

Binary solvent manager

- Number of solvents: in any combination of two: A1 or A2 and B1 or B2
- Delay volume: <120 μ L
- Max. operating pressure: 15,000 psi up to 1 mL/min

Sample manager

- Two 48 position 2.00-mL vial plates
- 4.0 to 40.0 $^{\circ}$ C, settable in 0.1 $^{\circ}$ C increments

Column heater

- Accommodates one column, 20 to 150 mm length x 1.0 to 4.6 mm internal diameter
- Temperature control: 5.0 $^{\circ}$ C above ambient to 90.0 $^{\circ}$ C

Applications

- ADME screening
- Food safety
- Bioanalysis
- Metabolite identification
- Method development
- Routine quality screens

Contact

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