

UV/Visible Spectrophotometer

Description

Beckman Coulter DU® 800

Location

Rm527, Biotech Centre 2

Features

Wavelength range

- 190 - 1100 nm
- Settable in 0.1 nm increments

Cuvettes and cells

- 2.0 mL cuvette (min. vol of 0.6 mL)
- 0.1 mL microcell (min. vol of 50 μ L)

Software applications

Fixed Wavelength

- Performs Absorbance or %Transmittance readings for up to 12 wavelengths simultaneously.

Wavelength Scan

- Performs wavelength scans in Absorbance or %Transmittance. Includes calculation mode to add, subtract, multiply and divide spectra.

Kinetics/Time

- Data can be reviewed in real time and automatically calculated. The rate of the kinetic reaction is reported using a linear regression.

Nucleic Acid Analysis

- Calculates protein and nucleic acid concentrations and determine protein impurity.

Single Component Analysis

- Determines the concentration of unknowns by either linear or non-linear (quadratic) regression and provides statistical analysis for the standard curve.



Applications

- Quantitative and qualitative analysis of biological samples

Contact

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