

## Overview

### Fast and easy measurement of absorption spectra

The UV-Vis spectrometer Cary 50 of Varian/Agilent measures the absorption spectra of dissolved species in a wavelength range between 200-1000 nm.

We provide measurements of sample spectra, determination of unknown solution concentration, determination of absorption coefficients in various solvents, studies of kinetics of slow reactions or formation of complexes in dependence on reactant concentration.

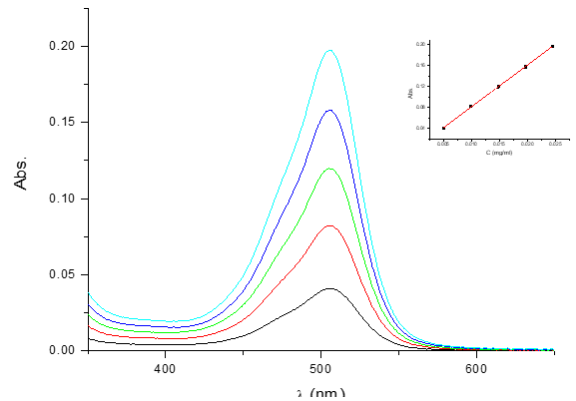
In addition, various assays for quantification of sample concentrations, such as Bradford assay for your protein, HABA assay for Strept(avidin)-Biotin system or colorimetric assays for heavy metals (Ni, Fe...) are offered.



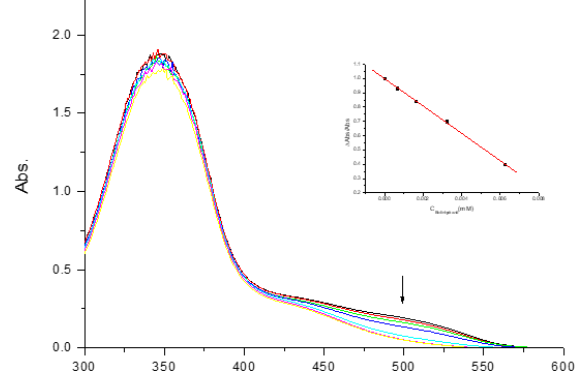
Image of Cary 50 Absorption spectrometer

### UV-Vis Spectra 200-1000nm:

- High resolution
- High accuracy
- Various solvent
- Slow reactions
- Complex interactions



Absorption spectra of Rhodamine 110 labeled Poly(styrenesulfonate) Insert: determination of absorption coefficient or label degree



PSS\_Biotin HABA assay for quantification of Biotinylation degree

### Prices

1 sample:	100 €
2 samples:	200 €
4 samples:	340 €
10 samples:	750 €

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