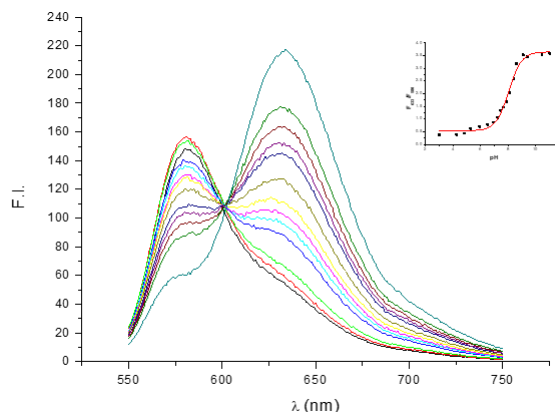


Overview

Fluorescence and Phosphorescence Spectra, Quantum Yield, Kinetics

The fluorescence spectrophotometer Cary Eclipse of Varian/Agilent uses an intense Xenon flash lamp enables high sensitive measurement fluorescence and phosphorescence spectra of liquid and solid samples. Emission up to 900 nm can be measured with the red sensitive photomultiplier tube.

Our service provides measurements of fluorescence-, phosphorescence- and fluorescence excitation spectra in various solvents but also in form of solids. Furthermore, we offer titration measurements in dependence on pH, solvent or other interacting agents, temperature dependent studies (up to 70°C) or kinetic measurements of bleaching behavior or FRET interactions, as well as determination of Fluorescence Quantum Yields via relative measurements against fluorescence standards.



Fluorescence spectra of pH titration of Snarf-1

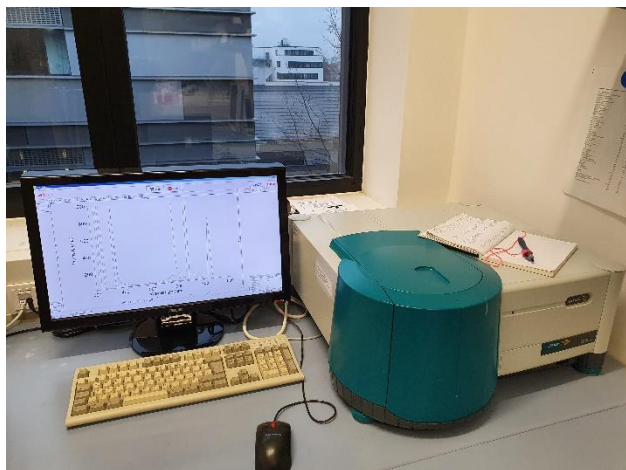
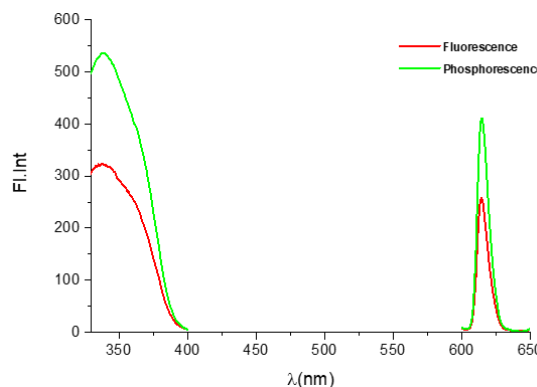


Image of Fluorescence spectrometer Cary Eclipse



Excitation (left) and Emission Spectra of our Europium doped Polystyren nanoparticles

Fluorescence (phosphorescence) Spectra 300-900nm:

- Solvent and solid samples
- Temperature measurements until 80°C
- 96 Well-Plate Reader
- All solvents possible

Prices

1 sample:	150 €
2 samples:	200 €
4 samples:	340 €
10 samples:	750 €

Visit surflay.com for more information on all product services