The NanoSight instrument is used to analyze, visualize, characterize and measure small particles in suspension. The NanoSight instrument utilizes Nanoparticle Tracking Analysis (NTA). This technology utilizes the properties of both light scattering and Brownian motion in order to obtain the size distribution and concentration measurement of particles.

The applications include: Determination of particle size, analyze, visualize, characterize and measure nanoparticles and characterization and concentration of particle size distribution.

We have the NanoSight NS300 (Malvern) and a software for the acquisition NanoSight NTA 3.2. Software Guide and operating Manuel are available near the instrument. Likewise, we have competent personnel that can help you in case of problems.

Sample volume requirements: 500 µl (Only non-pathogenic biological samples are accepted).

Cost
Academics: Participation to the maintenance fees = 22 euros/ hr.
Private company: 40 euros/hr.

Contact

Marie DUHAMEL
marie.duhamel@univ-lille.fr
T. +33 (0)3 20 43 68 46

Antonella RAFFO ROMERO
antonella.raffo-romero@univ-lille.fr
T. +33 (0)3 20 43 68 46