

05. (May) 2019

Project: iGEM_Munich2019 Shared Project

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DLS Measurment

the exosome samples form 02.05.19 were measured with DLS

samples were first mixed with PBS so the volume added up to 50 μ l

for measurment 30 μ l of exosomes were mixed with 120 μ l PBS

Set up DLS:

- set temp [C], don't wait - 25.0
- Auto attenuation enable
- set DLS acquisition time [s] - 5
- wait [min] - 4
- Do
- set number of DLS acquisition - 10
- collect data
- loop

general observation: peak around 100 nm -> could be exosomes, peak around 10 nm and 1000 nm contamination/impurity

Data is stored in the LRZ Sync+Share folder