

# 05. (May) 2019

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**Project:** iGEM\_Munich2019 Shared Project

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DLS measurment

Exosomes Dilution 30 µl sample + 120 µl filtered PBS (pH 7,4)

Protamine + DMEM (FBS free) sample 20 µl sample +130 µl filtered PBS (pH 7,4)

Settings

Set temp (°C), don't wait - 25.0

auto-attenuation enabled

set DLS acquisition time (s) - 5.0

wait (min) - 3

Do - 3

set number of DLS acquisitions - 10

collect data

Loop

Save data

Adjusted wait (min) to 2 min for Exosome samples 12a-12d

Adjusted wait (min) to 1 min for Exosome samples 10a-10b

went back to 2 min for following measurments (suggestion: stay with 3 min, dispersion increases when waiting period is decreased)

Samples: 12a-d, 10a-d, 8a-d, 9a, DMEM, Protamine