

mCherry spectrum measurement

1. Centrifuge 2 ml of the desired cell cultures at **3100g** for **5 - 10 min.**
2. The supernatant is completely removed and the pellet is resuspended in **100 µl BHI medium.**
 - Care should be taken to ensure that the correct selection medium is used for the different cultures
3. For positive control, dilute **mCherry 1:1000, 1:1500** and **1:2000** with BHI medium with **Hemin (1:200)**.
4. Pipette **100 µl** of each sample into a **96-well plate.**
5. Using the CLARIOstar, an emission (**580 nm - 670 nm**) and an extinction spectrum (**510 nm - 608 nm**) of the samples are measured.