

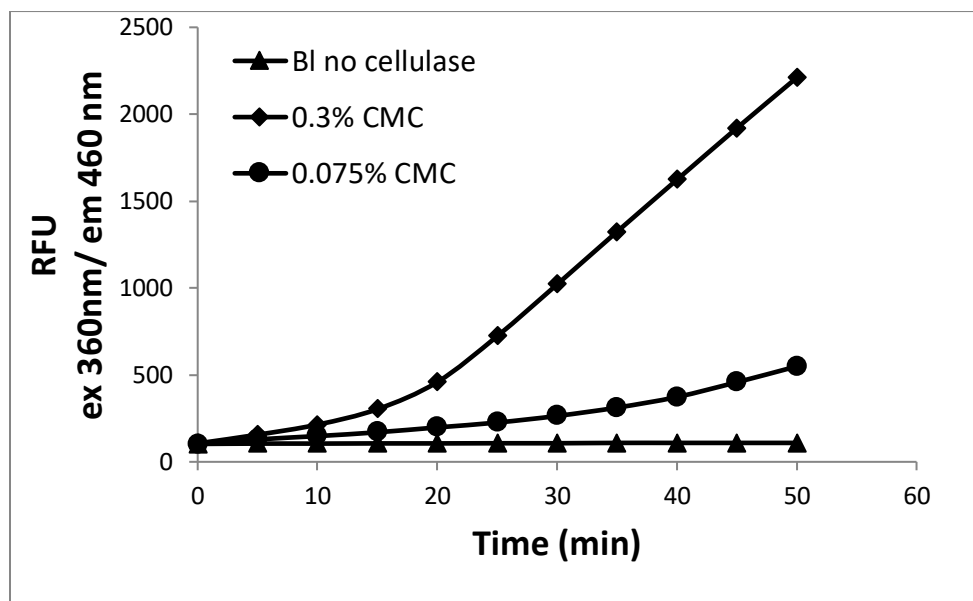
Supplementary data for article:

Ostafe, R.; Prodanović, R.; Commandeur, U.; Fischer, R. Flow Cytometry-Based Ultra-High-Throughput Screening Assay for Cellulase Activity. *Analytical Biochemistry* **2013**, *435* (1), 93–98. <https://doi.org/10.1016/j.ab.2012.10.043>

Supplementary data

Determination of optimal CMC concentration

MTP assay using purified cellulase and the following components: Cellulase (0.5U/mL), APCC (500 μ M), VBrPOx (0.1 U/mL), HOx (3.4U/mL), NaBr (50 mM) in Tris H₂SO₄ (50 mM, pH 7.4) and 0.3% or 0.075% CMC. In control reactions no enzyme was added. Product formation was expressed as relative fluorescence units (RFU) at excitation/emission wavelengths of 360/460 nm.



Optimization of HOx concentration

MTP assay using the following components: APCC (500 μ M), VBrPOx (0.1 U/mL), Glucose (5 mM), NaBr (50 mM) in Tris H₂SO₄ (50 mM, pH 7.4) and the specified amount of HOx. Product formation was monitored at excitation/emission wavelengths of 360/460 nm.

