

Phytochelatin assay

- 200 mM Tris-HCl (pH 8.0)
- 10 mM beta-mercaptoethanol
- 1, 5 or 10 mM GSH
- 0.5 mM CdCl₂
- 500 nanoM Phytochelatin
- Mixture incubated without CdCl₂ for 5 minutes at 35 degree Celsius
- reaction was terminated by adding 30 micro litres of 50 % 5 sulfosalicylic acid
- put on ice for 10 minutes
- 1:5 dilution with methanol
- centrifuged for 2 minutes

From: iGEM Bielefeld-CeBiTec