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MTT assay on 96 well plate

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Protocol status: Working

We use this protocol and it's working

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Abstract

MTT assay to measure viability cells

- 1 Prepare sample in DMSO
- 2 Observe cell on the plate, make a note about cells condition
- 3 Experiment by make a serial dilution sample in U-Type, suspend 40 times
- 4 Remove old medium from cells
- 5 Put 100 μ l/well sample and DMSO, incubate 48 h, 37 oC
- 6 Observe condition cells after 48 h incubation
- 7 Checked toxicity under microscope, take photo if there are morphology changing
- 8 Prepare MTT 10%
- 9 Remove medium from 96 well plate
- 10 Put 150 μ l/well by multichannel pipet, incubate 4 h, 37 oC
- 11 Remove MTT solution from well plate
- 12 Put 100 μ l/well DMSO 100% for dissolve



13 Check absorbance at 560 nm and 750 nm , shaker 0.5 min before read absorbance