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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 µl/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 µl/well by multichannel pipet, incubate 4 h, 37 oC

11 Remove MTT solution from well plate

12 Put 100 µl/well DMSO 100% for dissolve

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