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# 🌐 MTT assay on 96 well plate

Adita Ayu Permanasari<sup>1</sup><sup>1</sup>Institute of Tropical Disease, Airlangga University

1 Works for me

 Share[dx.doi.org/10.17504/protocols.io.6qpvr4x5pgmk/v1](https://dx.doi.org/10.17504/protocols.io.6qpvr4x5pgmk/v1) Adita Ayu Permanasari

## ABSTRACT

MTT assay to measure viability cells

## DOI

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## PROTOCOL CITATION

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## PROTOCOL INTEGER ID

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- 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

