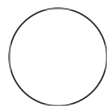




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Cell viability assessment

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ABSTRACT

This is the protocol for assessing cell viability using a MTS cell proliferation assay kit.

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Protocol status: Working
We use this protocol and it's working

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80147

Keywords: ASAPCRN

1. Cells are seeded and differentiated for 4 days; assess cell viability using an MTS cell proliferation assay kit (ab197010, Abcam).

- 2** 2. Treat the differentiated cells with synthetic DOPA pheomelanin or synthetic DOPA eumelanin or vehicle PBS to determine the time and dose responses of the cells to the treatment.
- 3** 3. Remove culture medium and add a 110 μ L solution containing 10 μ L MTS and 100 μ L medium to each well, incubate in humidified air containing 5% CO₂ at 37°C for 1 hour.
- 4** 4. Measure absorbance at 490 nm using a microplate reader.