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Cell viability assessment

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We use this protocol and it's working

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Abstract

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

1 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 µL solution containing 10 µL MTS and 100 µL 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.

Protocol references

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