

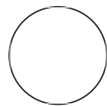


AUG 09, 2023

Mitophagy induction using Difereprone

Louise Uoselis¹

¹Lazarou Lab, WEHI



Louise Uoselis
WEHI

ABSTRACT

Mitophagy induction in HeLa cells using Difereprone (DFP).

OPEN  ACCESS



DOI:

dx.doi.org/10.17504/protocols.io.rm7vzxbqrgx1/v1

Protocol Citation: Louise Uoselis 2023. Mitophagy induction using Difereprone.

protocols.io

<https://dx.doi.org/10.17504/protocols.io.rm7vzxbqrgx1/v1>

License: This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

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

Created: Aug 09, 2023




Last Modified: Aug 09, 2023

Keywords: ASAPCRN

Day 1

- 1 Seed cells, aiming for a confluency of 80-90% at the time of treatment the next day.

Day 2

- 2 Feed cells for  01:00:00 in an appropriate volume of standard growth media. 1h
- 3 During the feed, warm up the difereprone (DFP) stock aliquot in a  37 °C waterbath. Centrifuge the stock tube after thawing to ensure the DFP has returned to solution.
- 4 To start the treatment, replace the media in each well with standard growth media that contains  1 millimolar (mM) DFP.
- 5 Harvest the samples after the desired treatment times.