



Jan 06,
2020

4-methylumbelliferyl heptanoate (MUH) - Cell Viability Assay V.1

Peter Vangheluwe¹, Shaun Martin¹, Mujahid Azfar¹

¹KU Leuven

1

Works for me

[dx.doi.org/10.17504/protocols.io.bazgif3w](https://doi.org/10.17504/protocols.io.bazgif3w)



Peter Vangheluwe

KU Leuven, Department of Molecular and Cellular Medicine



ABSTRACT

The 4-methylumbelliferyl heptanoate (*MUH*) assay is a fluorimetric assay used to study cell-mediated cytotoxicity. The principle behind this assay employs the activity of esterases found in viable cells. These esterases then hydrolyse the fluorochrome in the MUH reagent which can then be read using a plate reader.

ATTACHMENTS

[Cell fractionation.pdf](#)



This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited