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FCMPASS - Creating a cytometer database and datasets

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1 Works for me dx.doi.org/10.17504/protocols.io.bhvwj67e

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ABSTRACT

This protocol outlines the steps required to create flow cytometer databases and datasets using the FCMPASS software. This is one of a number of protocols in the pipeline for performing small particle calibration using the fcmpass software package.

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PROTOCOL CITATION

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KEYWORDS

fcmpass, flow cytometry, calibration, EVs

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38550

PARENT PROTOCOLS

In steps of

FCMPASS Protocol Collection

MATERIALS TEXT

FCMPASS software can be accessed at https://nanopass.ccr.cancer.gov.

DISCLAIMER:

This protocol summarizes key steps for a specific type of assay, which is one of a collection of assays used for EV analysis in the NCI Translational Nanobiology Section at the time of submission of this protocol. Appropriate use of this protocol requires careful, cohesive integration with other methods for EV production, isolation, and

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Definitions: The term “SOFTWARE” throughout this agreement means the machine readable, binary, object code form, and the related documentation for FCMPASS, a software package that is designed to allow flow cytometer calibration for small particles. The term “RECIPIENT” means the party that downloads the software. The term “PROVIDER” means the National Cancer Institute (NCI), a participating institute of the National Institutes of Health (NIH), and an agency of the United States Government.By downloading or otherwise receiving the SOFTWARE, RECIPIENT may use the SOFTWARE subject to RECIPIENT’s agreement to the following terms:

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1 Open FCM$_{PASS}$.

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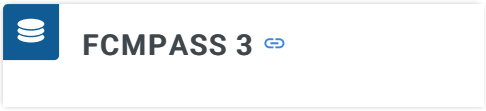

2 Click the '+' icon next to 'Cytometer IDs' list and enter a unique name to identify a instrument.

3 Select the relevant cytometer ID to add the dataset to

4 Click the '+' icon next to the 'Datasets' list.

4.1 In the window enter the acquisition date of the calibration data and the dataset/experiment name. If there are any notes related to the experiment that are beneficial, they can be entered in the 'Dataset Notes' field.

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