

Immunoanalytics – Core Facility

Helmholtz Zentrum München – Hämatologikum – Marchioninstraße 25 – 81377 München – Room 349, Level 3

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Application for Cell Sorting with the BD Aria III

Please provide an application form for each cell probe. Hand it over to us directly or by e-mail not later than 24 hours before sorting!

Principal Invest.

Lab

Phone

Department

Fax

Institution

e-mail

Address

Project Description

Description of Experiment

Contact Person

PSP Element (for HMGU only)

Experiment Title

Cell Source and Type

Any biohazards like *carcinogens*, *radioisotopes*, *parasites*, *bacteria*, *viruses*? *yes*, *no*
If *yes*, please specify

Classification according to the German Gentechnikgesetz S _____, and Bundesseuchengesetz L _____

Number of S2 License

Name of S2 Project Leader

Your Cell Purification Procedure

Antibodies, Fluorochromes

Unstained and single-dye stained control samples available? *yes*, *no*

Samples contain propidium iodide? *yes*, *no*

Sample histograms provided? *yes*, *no*

Which fraction to be sorted (up to 4)?

1)

2)

3)

4)

(Expected) frequency of target cells

1)

2)

3)

4)

Starting cell number

Cell conc. (ideally 5x10⁷ cells/ml, not less than 1ml)

Percentage of dead cells

Any clumped cells

Cell size in μm

Adherent cells *yes*, *no*

Free DNA in the sample *yes*, *no*

Buffer

Serum %

Additions *DNase*, *EDTA*, *Heparin*

Subsequent processing of cells after sorting

Required Purity in %

1)

2)

3)

4)

Required Quantity of cells in counts

1)

2)

3)

4)

What is more important *high recovery*, or *high purity*?

Sterile sorting *yes*, *no*

temperature 4°C, RT, 37°C, else

Sorting *in tubes*, *on well plates*, if plates specify

Save the fluorescence distributions and sort windows *yes*, *no*

Re-analyze sorted cells *yes*, *no*

Requested or *confirmed* sorting date

and time

Annotations

Date

Signature of the Principle Investigator