Affiliation

Name:

Group:

Institution:

Contact information (Mail/Telephone):

Sample Source

Species:

Organ/Cell type:

Origin/Location:

Bio Safety Level (BSL)\*1:

Genetically modified: No  Yes

=> If marked “Yes” please insert reference number of your “Gentechnikantrag/TVA”:

Sort information:

Number of samples:

Cell count per sample\*2:

Target cell frequency\*3:

Speedenrichment requested: No  Yes  color:

Single color Ctrl: Yes  No  reasons:

Live/dead stain: No  Yes  name:

Staining panel (dyes used):

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 405nm | BV421 | KO | BV610 | BV660 | BV785 |
| 488nm | FITC | GFP | YFP | PerCP | PerCPCy5.5 |
| 561nm | PE | mCherry | ECD/TxR | PC5/5.5 | PC7 |
| 640nm | APC | A700 | APCCy7 | RFP |  |

Others:

Additional information:

Special instrument preferences\*4 (optional):

Fixed date requested\*5:

Appointment for fixed time at a day\*6:

Plate sort: 96well  384well

Other format: Eppis  15ml Tubes  50ml Tubes

Sort mode: enrich  purify  single

Nozzle size: 70µm 100µm

**As a general rule: your cells should be no larger than one quarter the diameter of the nozzle with which you are going to sort.**

RNA extraction:

Exotic cell material\*7:

Rules and requests by the core facility:

* **Be advised that sorting reservations will only be done when all required information in this document were given**
* Sorting material (even single color) have to be filtered through a 30µm mesh (available at the facility)
* For panels used for the first time on our instruments, please take a print out of an exemplary FACS Analyzer sample with complete plotting and gating strategy.
* For transduced cell material, negative controls are needed
* Weak expressed marker and dim staining need FMOs (Fluorescence minus one) controls
* Stick to your requested sorting times; additional cell material and short notice extensions cannot be granted
* Short notice cancellation may be charged by the facility\*4
* 100µm Nozzle Sorts with the Astrios S1 or S2 are available **only** on Fridays!