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!