**Core Facility Cell Analysis - TranslaTUM
Sort Request Form**

New to sorting? Please contact us for a meeting to help you plan the sort

***User information:***

|  |  |  |
| --- | --- | --- |
| Name: | PI/Lab/AG: | Requested sort date: |
| E-Mail: | Phone: | Booked sorting duration: hours Earliest starting time:  |

***Sample information:***

|  |  |  |  |
| --- | --- | --- | --- |
| Number of samples: | Cell type/species/cell line: | Nozzle: | Cell size: |
| Cell count per sample: | Target populations per sample to be sorted (max. 4): | Number of cells per sample to collect: |
| Biosafety: [ ]  BSL1/S1[ ]  BSL1/S2 [ ]  BSL2/S1[ ]  BSL2/S2 | In case of genetic modification: Used virus:Ecotropic [ ]  Amphotropic [ ] Days after infection: | Sterile sort necessary: [ ]  Yes [ ]  No |
| Sort priority:[ ]  Purity [ ]  Yield[ ]  Single cell | Choose your collection vessels:[ ]  1,5ml [ ]  5ml[ ]  15ml [ ]  50ml [ ]  Plate | In case of plate-sort: [ ]  96well [ ]  Other: |
| Temperature of sample injection port: [ ]  4°C [ ]  RT [ ]  Other: | Temperature of sample collection tube holder: [ ]  4°C [ ]  RT [ ]  Other: | Downstream application after sorting: [ ]  Cell culture (assays) [ ]  RNA/DNA isolation [ ]  Protein isolation [ ]  Other: |
| Please also bring to the sorter:* Sterile FACS buffer
* Additional collection tubes with FCS/collection medium
 |
| Things to avoid at the sorters:* Sample medium containing phenol red
* Samples not filtered directly before bringing the samples to the sorter (30-40µm mesh)
* Extremely sticky samples (we can test it before your sort)
* Bringing more samples than posted (if the booked time has run out, additional sorting time cannot be granted)
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***Staining information:***

|  |  |  |
| --- | --- | --- |
|  | **Antigens to be stained** | **Available channels/exemplary dyes**  |
| Red laser 633nm |  | [ ]  APC [ ]  AlexaFluor 700 [ ]  APC-Cy7/AlexaFluor750  |
| Yellow-green laser 561nm |  | [ ]  PE [ ]  PE Texas Red/mCherry/RFP[ ]  PE-Cy5 [ ]  PE-Cy7 |
| Blue laser 488nm |  | [ ]  FITC/GFP [ ]  PerCP/PerCP-Cy5.5  |
| Violet laser 405nm |  | [ ]  BV421 [ ]  BV510 [ ]  BV605 [ ]  BV650 [ ]  BV711 [ ]  BV786 |
| UV laser 355nm  |  | [ ]  Indo1violet/BUV395 [ ]  Indo1blue/BUV496[ ]  BUV661/Hoechst |
|  |  | [ ]  Others (em/ex) |
| Staining controls provided: [ ]  Unstained [ ]  Single stains [ ]  Isotype [ ]  FMO |

By filling out this form you accept the CFCA user guidelines