**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) | | | |

***Staining information:***

|  |  |  |
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|  | **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