

Flow Cytometry Core Facility

Core Facility Manager

Dr. Anna Stanger

+49 (0)7071 29-83156

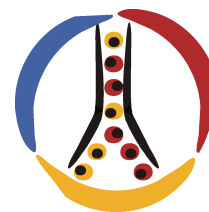
Core Facility Operator

+49 (0)7071 29-82745

+49 (0)7071 29-81979

+49 (0)7071 29-82763

E-mail: fcb-berg@med.uni-tuebingen.de



Cell Sorter User Sheet

Experimenter _____	Phone _____
Principal Investigator _____	E-mail _____
Institute _____	Account No (Kostenstelle) _____
Mailing Address _____	Project No _____

FACS Cell Sorting

Cell Type

- ☐ Primary Material _____
Please specify
- ☐ Cell Culture
- ☐ Cell Line _____
Name

Species

- ☐ Human
- ☐ Mouse _____
- ☐ Rat
- ☐ Other _____

Fluorescent Probes

- ☐ FITC ☐ APC
- ☐ GFP ☐ APC-Cy7
- ☐ PE ☐ Cy5
- ☐ PE-Cy5 ☐ Pacific Blue
- ☐ PerCP ☐ Hoechst / DAPI
- ☐ PI ☐ Other _____

Laser Excitation Selection

- ☐ 488 nm ☐ 407 nm
- ☐ 561 nm ☐ 633 nm

Conditions

- ☐ Sterile ☐ S1
- ☐ Non-sterile ☐ S2 _____
Please specify

Buffer used to resuspend the cells:

- ☐ PBS (w/o Ca^{2+} / Mg^{2+})
- ☐ Other: _____

Does the buffer contain any additives?:

- ☐ BSA/FCS _____ % ☐ EDTA _____ mM
- ☐ Other: _____

Population Statistics

Number of cells submitted: _____
 (Recommended cell density: 1×10^7 cells / ml)

Number of cells required: _____

% of pos. cells (approx.): _____

Sort Parameters

- ☐ Single Cell ☐ Tubes
- ☐ Bulk Cells ☐ _____ well plate

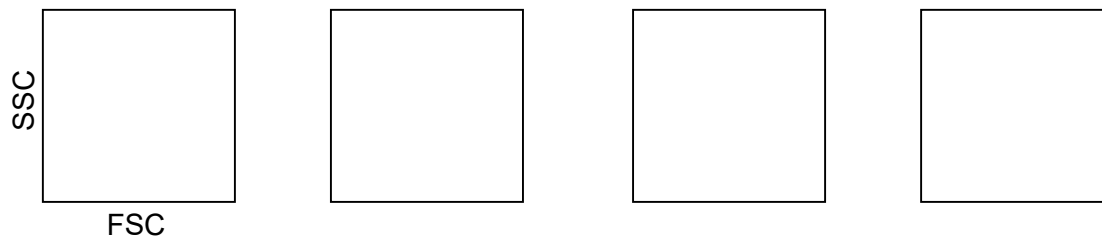
Temperature Control during Sort

- ☐ Room temperature ☐ 4° C ☐ 37° C

Flow Cytometry Core Facility - Cell Sorter Information Sheet

Sort Layout

Please enter populations, gating strategy and fluorochromes or add previous FACS printouts.



Target populations according to sort layout (please specify, eg. CD4 FITC+/CD25 PE+/CD19 APC neg)	~ % Cells within sample	~ Number of cells needed after sorting
<input type="checkbox"/> 1		
<input type="checkbox"/> 2		
<input type="checkbox"/> 3		
<input type="checkbox"/> 4		

Utilization of cells after sorting

- ☐ Cell culture / sterile experiment ☐ Mol. Biol. analysis
- ☐ Other _____
Please specify

Mandatory requirements

- ☐ Cells have been filtered through a 40 µm nylon mesh
- ☐ All necessary controls are included:
- ☐ Cells only (no stain)
- ☐ Single color controls for each fluorochrome

NO SAMPLES for CELL SORTING will be accepted without appropriate controls and without prior consultation with a core employee.

PI Operator Core Facility date