NATIONAL FACILITY FOR CLINICAL TRIAL

(Sponsored by DST, Gov of India)
INTERDISCIPLINARY INSTITUTE OF INDIAN SYSTEM OF MEDICINE (IIISM)
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, KATTANKULATHUR – 603203

REQUISITION FORM FOR USING FLOW CYTOMETER (BD FACSCalibur™) UNIT

User Information

1. Name **:** DATE:
2. Designation **:**
3. Affiliation **:**
4. email ID & Address for communication **:**

Does the sample contain any biohazardous agent(s)? Biohazards are substances that are known to contain or reasonably expected to contain pathogens (including, but not limited to, bacteria, viruses, retroviruses, lentiviruses, transfected cells, parasites, and fungi) or other agents that can cause disease in humans or animals. (i.e. infective by swallowing, inhalation, or transmission through an open cut or across mucus membranes).

Signature with date & seal
(HOD / Principal / Guide / Managing Director)

If 'Yes', please describe the type of bio hazardous agent, means of infection, and possible consequences in separate sheet of paper duly signed by the Research Guide or Supervisor.

NOTE: You must provide a hardcopy of your IBC approval covering the experiment before beginning the sample analyze or sorting.

What type of procedure do you want us to perform? Analysis only [ ] Sort [ ]

Sample Information:

Species of Origin: Mouse, Rat, Human, Other _____

Cell Type: Cell Line, Primary Cells, Other _____

Do the cells contain rDNA? Yes/No

If 'Yes', how was it introduced? _____

Have the cells been screened for infective agents and pathogens? Yes/No

If 'Yes', explain the results:

Note: Please bring documentation of the screening with you to the consultation.
Are the cells fixed*? Yes/No

If 'Yes', by what method?:_____

*IMPORTANT: For safety reasons, all the biological samples provided for BD FACScalibur analysis are expected to be fixed or formalin cross linked. If there is a need to analyze unfixed samples, special permission should be obtained.

Number of samples to analyze: _____

Estimated # of cells per sample: _____ $x10^6$ (Starting # - estimated losses from washes, spins, etc.)

Final volume of samples (ml): _____ (minimum amount is 0.25 ml)

Estimated concentration of cells (#/ml): _____x10^6/ml (Ideally 1x10^6 ml for most samples.)

Fluorochrome	Used in Sample #'s	Excitation Wavelength	Emission Wavelength

For Cell Sorting:

Number of populations to sort: 1 2 3 4 5 6

Name of Population	Designating Markers (ie CD34+ PI-)	Estimated % of Sample	# of Sorted Cells Desired

IMPORTANT: We strongly recommend that the customer consult our instrumentation experts before planning an experiment in FACS to avoid undue delay and complications in experiments.
All samples should be passed through a 35μmcell strainer before beginning FACS analyses, to avoid clogging the instrument.
When preparing your samples, please make a tube of each of these (final count of 1x10^6 cells each in 1ml of buffer) and bring them to the facility with your samples:
1. Unstained cells – These will be used to determine the negative population.
2. Isotope controls for each antibody – These help factor out non-specific binding.
3. Single color stains for each antibody – Cells positively stained with only one antibody will be used to compensate for spectral overlap between antibodies.

(To be filled by the Centre Incharge)

Date of receipt of Sample: _____
Scheduled date of sample analysis: _____
Researcher in-charge for sample analysis: _____

Signature of In charge

Signature of Dean
IIISM

Note:

The charges for external users have to be paid at the time of sample submission. All payments should be made in the form of a Demand Draft (**DD**) in favor of **"SRMIST Consultancy"** payable at Chennai, and the payment should be sent to **The Dean, Interdisciplinary Institute of Indian System of Medicine (IIISM), SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, Kattankulathur, 603 203. Reports will be released only after payment is received.**

Kindly send us the publication reference of all publication arising out of analysis done at the Center. (Journal name, Volume number, Names of the authors, Date of issue of the publication etc).