**UNIVERSITY OF WINDSOR – FLOW FACILITY**

**CORe-102**

**CELL SORTER EXPERIMENTAL INFORMATION**

Date:

Name: Email:

Lab: Phone:

Account #

**BIOHAZARD INFORMATION**

( ) BLC1 ( ) BLC2 (Biohazard acknowledgement form attached)

All samples must be passed through a 70 uM filter right before delivering them to the Flow Facility

Have you filtered your samples? ( ) yes ( ) no

**Material to be sorted**: up to **106 cells/ml** into a 15 ml conical blue cap tube

**Experimental purpose (briefly):**

Sorter goals:

**Fluorochromes:**

FL1:  FL2: FL3:

FL4: FL5: FL6:

FL7: FL8: FL9:

**Samples provided for compensation and analyze**

-Unstained means only cells **NO** fluorochrome added (negative control)

-Stained means cells labelled with the fluorochrome (positive control)

**TUBES: (Attach a sheet with the tubes, if necessary)**

1. 5.

2. 6.

3. 7.

4. 8.

Number of cells: Concentration (/ml):

**Population to be sorted:**

Collecting tubes: 1.5ml FACS tube 15ml conical other

Collecting plates: 96 wells 24 wells 12 wells 6 wells other

Buffer used for sorting:

Collection Buffer (if collecting in plates):

Cell size

Number of cells to be collected per tube or per well:

Purity:

**All the tubes and plates should be clearly labelled**

Collection Buffer (if collecting in plates): The buffer volume shouldn’t be more than 1/3 of the well capacity, e.g. for 6 wells plate, maximum capacity is 1.5 mL, so the collection buffer should be 0.5 mL or less, enough to cover the plate surface.

Information to be exported to a new CD-R (or by email) at the end of the sorter

( ) none

( ) sample plots, as a pdf or ppt file

( ) sorted population plots: only for samples collected into tubes, be aware you will lose sample doing this process

( ) sorter report

( ) raw data file, open on BD software

**After analyze is done:**

Contact phone number

Ext: Cell:

You should be back to the flow facility to pick up your results, sorted samples and all the waste generated during analyze. You must come by as soon as possible, no more than ½ hour after the phone call.

**Special considerations**: