

UNIVERSITY OF WINDSOR – FLOW FACILITY

CELL ANALYZER EXPERIMENTAL INFORMATION

Date:

Name:

Email:

Lab:

Phone:

Account #

BIOHAZARD INFORMATION

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

BLC2 samples must be fixed before running in the analyzer

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

Experimental purpose (briefly):

Analyze goals:

Analysis of the cell cycle profile of the stem cell population.

Effect of the drug.... on the CD44 population

Study the cell cycle arrest by the treatment

Fluorochromes:

FL1: FITC

FL2: PE

FL3: APC

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:

1. Unstained

5. Sample 1

2. Stained FL1

6. Sample 2

3. Stained FL 2

4. Stained.....

The samples should be loaded into a 5 mL BDFalcon polystyrene round-bottom tube 12 x 75 mm Ref: 352052 sold by VWR cat # CA60819-138

Material to be analyzed: (around 1×10^6 cells/ml)

Sample 1, 2, 3,

Number of cells: Concentration (/ ml):

Population to be analyzed: *e.g: FITC pos + PE pos % and cell cycle profile of each population*

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

- none
- sample plots, as a PDF or PPT file
- 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 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: