

Requirements for using the LSR II HTS system

Two sets of controls (unstained and one for each fluorochrome used).

Samples must be filtered through at least a 100µm mesh filter, preferably a 40µm filter.

Volume must be specified - 100µL for low numbers (<5x10⁵)
 200µL for high numbers (5x10⁵-1.5x10⁶)
 maximum cell number 2.5x10⁶, but only if in 250µL

Label sample wells so that you will know what the samples are when the files are returned to you, as each sample file will only be labeled with the well designation. (i.e. A5)

Please use Falcon polystyrene plates, as sizes can vary a little with other manufacturers.

Mark on the actual plate(s) as to which wells are empty.

Samples can be run either horizontally or vertically, please specify which one you prefer.

Specify sample colors as usual, as on a normal sample sheet

Control	A1	unstained
Control	A2	FITC
Control	A3	PE
Control	A4	unstained
Control	A5	FITC
Control	A6	PE
Sample 1	B1	FITC, PE
Sample 2	B2	FITC, PE