METHOD AND APPARATUS FOR SORTING PARTICLES

Abstract

A method and apparatus of isolating a subpopulation of cells from a cell population using a microfluidic cell sorting device. The method and apparatus identify cells that have a desired phenotype from a population in a mixture and isolate the cells from cells that do not have the desired phenotype using a microfluidic cell sorting device. The isolated cells having the desired phenotype are passed to a mixing and incubation region of the microfluidic cell sorting device. In turn, a test compound is introduced to the mixing and incubation region.

Figure 1