ABSTRACT

Provided is a cell trapping method for selectively trapping a specific cell included in a cell-containing solution at a filter surface by filtering a liquid using a cell trapping device, the cell trapping device includes a housing which has an introduction region for introducing a liquid selected from the cell-containing solution containing two or more types of cells and a treating solution for treating the cells in the cell-containing solution into an interior, and a discharge flow path for discharging the liquid to the exterior; and a filter which is provided on a flow path between the introduction region and the discharge flow path and in which a plurality of through holes for the liquid to flow through is formed in the thickness direction, and the method includes a step of draining a liquid for n (n is a natural number) times, in which from the first step of draining the liquid to the n-th step of draining the liquid, a liquid surface of the liquid in the introduction region on the filter is maintained at a predetermined liquid surface height, and when the n-th step of draining the liquid is completed, the discharging of the liquid from the cell trapping device is stopped in a state where the liquid surface is at a predetermined height in the filter.