

METHODS AND DEVICES FOR ANALYSIS OF DEFINED MULTICELLULAR COMBINATIONS

ABSTRACT

Methods for cell analysis are provided, comprising cell capturing, characterization, transport, and culture. In an exemplary method individual cells (and/or cellular units) are flowed into a microfluidic channel, the channel is partitioned into a plurality of contiguous segments, capturing at least one cell in at least one segment, A characteristic of one or more captured cells is determined and the cell(s) and combinations of cells are transported to specified cell holding chamber(s) based on the determined characteristic(s). Also provided are devices and systems for cell analysis.

FIG. 2A