

CELL CULTURE METHOD, PRODUCT PRODUCING METHOD, AND CELL CULTURE DEVICE

ABSTRACT

Provide are a cell culture method which includes using a culture vessel which contains a cell suspension containing cells and discharging a gas including 30% by volume or more of oxygen into the cell suspension from a sparger disposed in the culture vessel to culture the cells, in which an average hole diameter in a gas discharge portion in the sparger is 1 μm or more and 300 μm or less, and a surface area A (m^2) in the gas discharge portion in the sparger, a volume X (m^3) of the cell suspension in the culture vessel, and a flow rate Q (m^3/min) of the gas that is discharged from the sparger satisfy a specific relationship, a product producing method including the cell culture method, and a cell culture device that enables the cell culture method.

Fig. 1