

METHOD FOR PRODUCING COMPOSITION FOR CULTURING ANIMAL CELLS,
COMPOSITION FOR CULTURING ANIMAL CELLS OBTAINED BY SAID METHOD,
AND METHOD FOR CULTURING ANIMAL CELLS USING SAID COMPOSITION FOR
CULTURING ANIMAL CELLS

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ABSTRACT

The present invention provides a method for producing a composition for culturing animal cells, wherein the method includes: (1) a step in which an algae is mixed with a solid acid catalyst and an algae extract is obtained by heating; and (2) a step in which the algae extract is added to a
10 medium for culturing animal cells and the concentration of the algae extract is adjusted. The present invention also provides a recycling/culturing method for algae and animal cells including: (i) a step in which a waste liquid (a first waste liquid) previously used to culture animal cells is used to culture algae; (ii) a step in which the algae is collected, mixed with a solid catalyst, and heated, and an algae extract is thereby obtained; (iii) a step in which the algae
15 extract is added to the waste liquid (a second waste liquid) previously used to culture algae in (i), the concentration of the algae extract is adjusted, and a composition for culturing animal cells is produced; and (iv) a step in which animal cells are cultured using the composition for culturing animal cells.

20 [FIG. 2]