CLAIMS:

1. A method for producing platelets, which comprises:

a culturing step of culturing megakaryocyte cells in a culture solution in a culture vessel, wherein

in the culturing step, the culture solution is stirred with a stirring blade that moves reciprocally.

2. The method according to claim 1, wherein

a bioreactor that reciprocally moves the stirring blade used in the culturing step in a vertical direction, a horizontal direction, or a forward and reverse rotation direction to subject the culture solution to unsteady stirring is used.

3. The method according to claim 1, wherein

the stirring blade used in the culturing step has an oval shape, and a bioreactor that reciprocally moves the stirring blade vertically to stir the culture solution is used in the culturing step.

4. The method according to claim 1, wherein

the stirring blade used in the culturing step has a folded oval shape structure, and a bioreactor that reciprocally moves the stirring blade vertically to stir the culture solution is used in the culturing step.

5. The method according to claim 1, wherein

the stirring blade used in the culturing step has a folded oval shape and is attached to a stirring shaft in at least one stage to be orthogonal to a stirring blade having a flat oval shape, and a bioreactor that reciprocally moves the stirring blade vertically to stir the culture solution is used in the culturing step.

6. The method according to any one of claims 1 to 5, wherein

as the stirring blade, a stirring blade having a through hole is used.

7. The method according to claim 1, wherein

the culture vessel is a closed bioreactor.

8. The method according to any one of claims 1 to 7, wherein

the megakaryocyte cells are obtained by subjecting, to forced expression, at least one selected from the group consisting of cancer genes, Polycomb genes, and apoptosis inhibitory genes in cells before being differentiated into megakaryocyte cells, and then cancelling the forced expression.