

ABSTRACT

The present invention provides an improved method for producing pancreatic islet-containing capsules.

5           A method for producing pancreatic islet-containing capsules, comprising the steps of:

(a) preparing a sodium alginate solution A containing pancreatic islets at a concentration of 10,000 IEQ/mL or more;

10       (b) adding the sodium alginate solution to a divalent cation solution dropwise, and collecting gelled particles;

(c) adding the particles collected in step (b) to a poly-L-ornithine solution A, followed by stirring and then collecting particles;

15       (d) adding the particles collected in step (c) to a sodium alginate solution B, followed by stirring and then collecting particles; and

(e) adding the particles collected in step (d) to a sodium citrate solution, followed by stirring and then collecting particles.