

ABSTRACT

CELL PREPARATION METHOD, CELL CULTIVATION DEVICE, AND KIT

5 The present invention relates to a cell preparation method that includes a step in which
cells are applied to a polyimide porous film and cultivated, wherein the polyimide porous film is
a polyimide porous film with a three-layer structure, having a surface layer A and a surface layer
B that have a plurality of holes, and a macrovoid layer that is sandwiched between the surface
layer A and the surface layer B, and the polyimide porous film is produced by a method
10 including the following steps: (1) a step in which a poly(amic acid) solution comprising
poly(amic acid) and an organic polar solvent is flow cast in a film shape and the result is
immersed in or brought into contact with a coagulation medium to create a porous film of
poly(amic acid); and (2) a step in which the porous film of poly(amic acid) obtained in step (1) is
heat-treated and imidized.

15 [FIG. 1]