ABSTRACT

MAMMALIAN CELL CRYOPRESERVATION LIQUID

An object of the present invention is to provide a liquid for cryopreserving a cell and a liquid for administration of a mammalian cell capable of cryopreserving a mammalian cell and effectively suppressing cell death after thawing, and a method for cryopreserving a mammalian cell using the cell cryopreservation liquid.

Cell death after thawing can be suppressed more effectively than with prior-art liquids for cryopreserving a mammalian cell when an isotonic solution comprising: 2.0 to 6.0% (w/v) of trehalose or a derivative thereof, or a salt of the trehalose or the derivative, 4.0 to 7.0% (w/v) of dextran or a derivative thereof, or a salt of the dextran or the derivative, and DMSO or glycerin is used as a liquid for cryopreserving mammalian cell or a liquid for administration of a mammalian cell, and a mammalian cell is cryopreserved in the liquid for cryopreserving a cell.

[No Suitable Figure]