ABSTRACT

A cryopreservation medium and a cryopreservation method which make it possible to cryopreserve ES cells from primates simply with high viability are provided.

A cryopreservation medium containing a cryoprotectant at a concentration of from 12% (W/V) to 50% (W/V) and a cryopreservation method for primate embryonic stem cells, which comprises a step of suspending primate embryonic stem cells in the cryopreservation medium, and a refrigeration step of freezing the suspension of the primate embryonic stem cells in the cryopreservation medium by cooling it to -80°C or below at a rate of from 0.5°C to 10°C per minute, and a preservation step of storing the frozen suspension of primate embryonic stem cells in the cryopreservation medium enable simple cryopreservation of primate embryonic stem cells with high viability.