Claims

1. A method for recovering living cells from cryopreserved cells, comprising

thawing cryopreserved cells, wherein the cells are skeletal muscle blast cells; and

diluting the thawed cell suspension with a diluent,

wherein the dilution is performed in such a way that the maximum load of osmotic pressure at the time of dilution is 40 to 250 mOsm/second.

2. The method as defined in claim 1, wherein the diluent is added in such a way that the maximum load of osmotic pressure at the time of dilution ranges from 40 mOsm/second to 50 mOsm/second.

3. The method as defined in any one of claims 1 or 2, wherein the diluent contains rinsing liquid resulting from rinsing of a container for cryopreservation from which the thawed cell suspension has been transferred to another container.

4. A system for thawing cryopreserved skeletal muscle blast cells, comprising:

(i) an actuating unit configured to inject a diluent; and

(ii) an arithmetic control unit configured to determine the rate at which the actuating unit injects

the diluent in such a way that the maximum load of osmotic pressure at the time of dilution is 40 to 250 mOsm/second.

5. The system as defined in claim 4, further comprising

(iii) a measuring unit configured to measure osmotic pressure of liquid.