ABSTRACT

Provided is a means for identifying cells suitable for transplantation into a cornea, or a means for producing a cell population suitable for transplantation into a cornea using the same. A method for producing a cell population suitable for transplantation into a cornea, the method comprising the steps of (1) preparing a cell population cultured under conditions suitable for inducing differentiation into corneal endothelial cells, and (2) measuring the expression of at least one gene selected from the group consisting of POU6F2, LMX1B, and TFAP2B in the cell population.