Abstract

METHOD FOR MANUFACTURING CILIARY MARGINAL ZONE-LIKE STRUCTURE

The present invention provides a method for producing a cell aggregate containing a ciliary marginal zone-like structure, including a step of culturing a cell aggregate containing a retinal tissue in which Chx10 positive cells are present in a proportion of 20% or more and 100% or less of the tissue in a serum-free medium or serum-containing medium each containing a substance acting on the Wnt signal pathway and a substance inhibiting the FGF signal pathway for only a period before the appearance of a RPE65 gene expressing cell, followed by culturing the "cell aggregate in which a RPE65 gene-expressing cell does not appear" thus obtained in a serum-free medium or serum-containing medium each free of a substance acting on the Wnt signal pathway and so on. According to the production method of the present invention, a ciliary marginal zone-like structure can be produced with high efficiency.

(No drawing to be published)