or more cells selected from the group consisting of retinal progenitor cell, neural retinal progenitor cell, photoreceptor precursor cell, photoreceptor cell, rod photoreceptor cell, cone photoreceptor cell, horizontal cell, amacrine cell, interneuron, ganglion cell, retinal pigment epithelial cell, and ciliary marginal zone cell.

15. The production method according to any of claims 1 to 14, wherein the suspension culturing is performed in the absence of a basement membrane preparation.

16. A reagent for evaluating toxicity or efficacy of a test substance, comprising retinal cells or a retinal tissue produced by the method according to any of claims 1 to 15.

17. A method for evaluating toxicity or efficacy of a test substance, comprising bringing the substance into contact with retinal cells or a retinal tissue produced by the method according to any of claims 1 to 15, and detecting an influence of the substance on the cells or tissue.

18. A medicament for treating a disease due to a disorder of a retinal tissue, comprising retinal cells or a retinal tissue produced by the method according to any of claims 1 to 15.

19. The medicament according to claim 18, wherein the retinal cells are retinal progenitor cells and/or retinal layer-specific neurons.

20. Use of retinal cells or a retinal tissue produced by the method according to any of claims 1 to 15 in the manufacture of a medicament for treating a disease due to a disorder of a retinal tissue, wherein an effective amount of the retinal cells or retinal tissue is to be transplanted to a subject in need of the transplantation.