

**HUMAN ASTROCYTE CELL POPULATION, CELL POPULATION CULTURE
PRODUCT, MANUFACTURING METHOD FOR HUMAN ASTROCYTE CELL
POPULATION, AND EVALUATION METHOD FOR TEST SUBSTANCE**

ABSTRACT

An object of the present invention is to provide a human astrocyte cell population that is differentiated from astrocyte progenitor cells derived from human iPS cells, a manufacturing method for the human astrocyte cell population; and an evaluation method for a test substance using the human astrocyte cell population. According to the present invention, there is provided a human astrocyte cell population that is differentiated from astrocyte progenitor cells derived from human iPS cells, the human astrocyte cell population including at least 90% of human astrocytes, in which in the human astrocytes, a) CDKN2A is positive, b) at least one gene marker selected from the group consisting of IGFBP5, NNMT, HLA-DRB1, and HLA-DRB5 is positive, and c) an expression level of C3, which is standardized with GAPDH of a reference gene, is 0.05 copies/copies or less.

[No Available Figure]