

[ABSTRACT]

METHOD FOR EVALUATING SAFETY OF SUBSTANCE IN VITRO USING HUMAN
IMMORTALIZED MYELOID CELLS

[Problem]

5 To find a method having higher stability, reproducibility,
economic efficiency, and operation easiness in an evaluation
method of safety of a substance in vitro, by using human
immortalized myeloid cells.

[Solving Means]

10 A method for evaluating the skin sensitizing property
and/or the pyrogenic property of a test substance, a method
for detecting a skin sensitizer and/or a pyrogen in a sample,
and a method for evaluating the action of a sample on a
function of immune cells, each using human immortalized
15 myeloid cells and including measuring the production amount of
IL-6 and/or IL-8 in a culture medium of human immortalized
myeloid cells.

[Fig. 1]