CLAIMS

1. A cell culture kit comprising:
a cell culture plate including a plurality of cell culture chambers, and
each of the cell culture chambers includes a plurality of micro spaces at a bottom thereof and
living cells cultured on the culture plate;
, wherein the living cells are derived from various donors, are adhered to surfaces of the plurality of micro spaces and are seeded in each of the cell culture chambers.

2. The cell culture kit according to Claim 1, wherein the living cells derived from various donors include two or more types of cells.

3. The cell culture kit according to Claim 1 or 2, wherein the living cells derived from various donors or living cells derived from a single donor are adhered to each of the plurality of micro spaces.

4. The cell culture kit according to Claim 1 or 2, wherein the living cells derived from various donors are adhered to at least two adjacent micro spaces.

5. The cell culture kit according to Claim 1 or 2, wherein living cells derived from a single donor are adhered to at least two adjacent micro spaces.

6. The cell culture kit according to any one of Claims 1 to 5, wherein the plurality of micro spaces have dimensions to allow a cell population of a three-dimensional structure to be isolated, the cell population being obtained by culture of a desired number of cells.

7. The cell culture kit according to any one of Claims 1 to 6, wherein the plurality of micro spaces have a bottom area of 0.01 to 0.1 mm^2 and a depth of 25 to 150 μm.

8. The cell culture kit according to any one of Claims 1 to 7, wherein the living cells are seeded in the plurality of micro spaces at a cell seeding density of 1 $x10^2$ to 1 $x10^6$ cells/cm^2.

9. The cell culture kit according to any one of Claims 1 to 8, wherein a cell mass having the living cells accumulated therein is formed in each of the plurality of micro spaces.

10. The cell culture kit according to Claim 9, wherein the cell mass has a diameter of 30 to 200 μm.

11. The cell culture kit according to any one of Claims 1 to 10, wherein the living cells are one of tissue precursor cells, tissue stem cells, cells differentiated from ES cells, and cells differentiated from iPS cells.

12. The cell culture kit according to any one of Claims 1 to 10, wherein the living cells include liver cells.

13. The cell culture kit according to Claim 12, wherein the liver cells are one of tissue precursor cells, tissue stem cells, cells differentiated from ES cells, and cells differentiated from iPS cells.

14. The cell culture kit according to Claim 12, wherein the living cells including the liver cells are isolated from hepatic tissues of various donors.

15. A screening method for evaluating drugs by using a cell culture kit according to any one of Claims 1 to 14.

16. A method of manufacturing a cell culture kit which includes a culture plate including a plurality of micro spaces and living cells cultured thereon and a plurality of cell culture chambers, each of the cell culture chambers including

the plurality of micro spaces at a bottom thereof, the living cells being derived from various donors and seeded in each of the cell culture chambers, the method comprising:

seeding living cells derived from various donors in the plurality

of micro spaces; and

culturing the seeded living cells.

17. The cell culture kit according to any one of Claims 1 to 14, wherein

the living cells derived from a plurality of various donors seeded in each cell culture chamber are cultured in the plurality of microchambers, and

the plurality of microchambers of each cell culture chamber is supplied with the same culture medium.

18. The method of manufacturing a cell culture kit according to Claim 16, wherein

the living cells derived from a plurality of various donors seeded in each cell culture chamber are cultured in the plurality of microchambers, and

the plurality of microchambers of each cell culture chamber is supplied with the same culture medium.

CLAIMS

1. A cell culture kit comprising:
a cell culture plate including a plurality of cell culture chambers, and
each of the cell culture chambers includes a plurality of micro spaces at a bottom thereof and
living cells cultured on the culture plate, wherein the living cells are derived from various donors, are adhered to surfaces of the plurality of micro spaces and are seeded in each of the cell culture chambers.

2. The cell culture kit according to Claim 1, wherein the living cells derived from various donors include two or more types of cells.

3. The cell culture kit according to Claim 1, wherein the living cells derived from various donors are adhered to each of the plurality of micro spaces.

4. The cell culture kit according to Claim 1 or 2, wherein the living cells derived from various donors are adhered to at least two adjacent micro spaces.

5. The cell culture kit according to anyone of Claims 1 to 4, wherein the plurality of micro spaces have dimensions to allow a cell population of a three-dimensional structure to be isolated, the cell population being obtained by culture of a desired number of cells.

6. The cell culture kit according to anyone of Claims 1 to 5, wherein the plurality of micro spaces have a bottom area of 0.01 to 0.1 mm^2 and a depth of 25 to 150 μm.

7. The cell culture kit according to anyone of Claims 1 to 6, wherein the living cells are seeded in the plurality of micro spaces at a cell seeding density of $1x10^2$ to 1 x 10^6 cells/cm^2.

8. The cell culture kit according to anyone of Claims 1 to 7, wherein a cell mass having the living cells accumulated therein is formed in each of the plurality of micro spaces.

9. The cell culture kit according to Claim 8, wherein the cell mass has a diameter of 30 to 200 μm.

10. The cell culture kit according to any one of Claims 1 to 9, wherein the living cells are one of tissue precursor cells, tissue stem cells, cells differentiated from ES cells, and cells differentiated from iPS cells.

11. The cell culture kit according to anyone of Claims 1 to 9, wherein the living cells include liver cells.

12. The cell culture kit according to Claim 11, wherein the liver cells are one of tissue precursor cells, tissue stem cells, cells differentiated from ES cells, and cells differentiated from iPS cells.

13. The cell culture kit according to Claim 11, wherein the living cells including the liver cells are isolated from hepatic tissues of various donors.

14. A screening method for evaluating drugs by using a cell culture kit according to any one of Claims 1 to 13.

15. A method of manufacturing a cell culture kit which includes a culture plate including a plurality of micro spaces and living cells cultured thereon and a plurality of cell culture chambers, each of the cell culture chambers including the plurality of micro spaces at a bottom thereof, the living cells being derived from various donors and seeded in each of the cell culture chambers, the method comprising:
seeding living cells derived from various donors in the plurality of micro spaces; and
culturing the seeded living cells.

16. The cell culture kit according to anyone of Claims 1 to 13, wherein
the living cells derived from a plurality of various donors seeded in each cell culture chamber are cultured in the plurality of microchambers, and
the plurality of microchambers of each cell culture chamber is supplied with the same culture medium.

17. The method of manufacturing a cell culture kit according to Claim 15, wherein
the living cells derived from a plurality of various donors seeded in each cell culture chamber are cultured in the plurality of microchambers, and
the plurality of microchambers of each cell culture chamber is supplied with the same culture medium.