Cepallet®

Color & Comfort

Instruction Manual

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Cultured cells can be harvested simply by adding a cold medium with Cepallet®.
The damage to cells is suppressed due to not using enzyme or scraper.

➢ Cell Culture

・Your cells can be seeded in the same way as usual.
・The media is recommended that it is previously warmed at 37 ℃.
・When the temperature of the medium decreases, the cells will be easy to exfoliate. Therefore, long-term microscopic observation should not be recommended.
・Coating of extracellular matrices are possibly effective for cells which do not adhere well.
(Due to the property of the product, we recommend a longer incubation period than the usual coating. And, coating of matrices may not go well at low temperatures.)

➢ Cell Harvesting

・Surface of Cepallet® becomes hydrophilic below 32 ℃ and cells are difficult to adhere on the substrate.
・After cell culture, the Cepallet® is removed from the incubator.
・Remove the medium using an aspirator.
・Add 4℃ cooled medium to the Cepallet® and let it stand for 5 minutes at room temperature. (It will return to room temperature in about 1 minute.)
・If you are concerned about the addition of the medium at 4 ℃, you can use the medium at 20 ℃ and leave it at room temperature for about 30 minutes.
・Pipetting of medium can be good for the detachment of cells in case cells can not be collected completely. However, there are sometimes low collecting rate depends on a kind of cells or culture conditions.

➢ Precautions for Use

・This product is for laboratory and research use only. Not intended for diagnostic, therapeutic or human.

➢ Storage Method

・ Store at room temperature and away from sunlight.