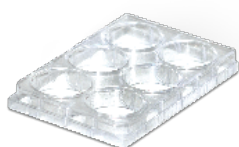


CELLvo™ Matrix Plus

PRODUCT SPECIFICATION SHEET

CELLvo™ Matrix Plus is an extension of the CELLvo™ Matrix line that is produced by human stem cells. This ECM has been shown to enhance the isolation, growth, and differentiation of a variety of different cell types including induced pluripotent stem cells (iPSCs). Consistent with all other CELLvo™ Matrix products, CELLvo™ Matrix Plus is easy to use requiring only a brief rehydration step prior to use. This cell culture substrate provides a native, young microenvironment which can be used as a more biologically relevant culture environment for your in vitro studies.



Product Number:
AF-HPME-6WP
Six well plate (sleeve of five)



Product Number:
AF-HPME-T150
T-150 flask (sleeve of five)



Product Number:
AF-HPME-T75
T-75 flask (sleeve of five)



Product Number:
AF-HPME-96WP
96 well plate (sleeve of five)

Product Use: NOT FOR HUMAN USE. This product is for research use only. Not to be used for diagnostic or therapeutic applications.

Presentation: Dehydrated.

Safety Information: Wear appropriate protective eyewear, clothing, and gloves. Handle in accordance with established bio-safety practices.

Storage and Stability: Store at 2-8°C and avoid extended exposure to light.

Rehydration: Prior to use, rehydrate using phosphate buffered saline or media then incubate for 1 hour at 37°C (2 ml/well for 6wp, 15 ml for T75, 30 ml for a T150 and 200µl/well for 96 well plate). Remove the vessel from the incubator and wash 2x with PBS or media before seeding cells. Add cells in culture media to the rehydrated plate or flask. Continue with your normal workflow. Cells may be detached using trypsin or an equivalent disassociation solution.

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Lai, Y et al. (2010) Reconstitution of marrow-derived extracellular matrix ex vivo: a robust culture system for expanding large-scale highly functional human mesenchymal stem cells. *Stem Cells Dev* 19: 1095-1107.

Chen, XD et al. (2007) Extracellular matrix made by bone marrow cells facilitates expansion of marrow-derived mesenchymal progenitor cells and prevents their differentiation into osteoblasts. *J Bone Miner Res* 22: 1943-1956.