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DATA SHEET

Human Kidney Circulating Tumor Cells 3D Organelle Cell Culture System

Catalog number: E36117-44CTC-3DO

Description:

Human Kidney Circulating Tumor Cells 3D Organelle Cell Culture System, is a trans-well membrane 6 well format pre-coated with ECM. This 3D Organelle Cell Culture System format may be used to assess stem cell differentiation status or effect of stimulation and/or inhibition of compounds and ligands on target molecules directly associated with stem cell differentiation or maintenance of stem cells in their un-differentiation stage. This 3D Organelle Cell Culture system may also be utilized for drug toxicity studies from patient's tumor sections. Individual drug can be screened directly on the patient's tumor and effective drugs can be recommended for patient's therapeutic treatment.

Tumor sections are placed in 6-well plates pre-coated with extracellular matrix and media is placed below the tumor so it can diffuse into the tumor very similar to its physiological micro-environment. After treatment of the tumor the sections are fixed and stained with various apoptotic and cell proliferation or inhibitor immunological markers.

The tumor sections are cultured for 72hour to 7 days and then analyzed for the drug's effects.

Storage Conditions: 2-8^{0}C for 24 months
Room temperature 12 months.

Product Orders: Before submitting an order you will be asked to read and accept the terms and conditions of Celprogen's Material Transfer Agreement (MTA).

Permits & Forms: In addition to the MTA mentioned above, other CELPROGEN and/or regulatory permits may be required for the transfer of this CELPROGEN material. Anyone purchasing CELPROGEN material is ultimately responsible for obtaining the permits.

Notices & Disclaimers: ***CELPROGEN products are intended for laboratory research purposes only. They are not intended for use in humans.*** The product, Human Kidney Circulating Tumor Cells 3D Organelle Cell Culture System, is established and manufactured by CELPROGEN Inc., for Research use only. This product is not for re-sale or may not be transferred to a third party prior to written request and approval by CELPROGEN Inc.