

Murine Keratinocytes (mKTC)

Murine keratinocytes are isolated from neonatal mouse skin. Cell isolation has been performed through enzyme dissociation. Enriched fraction of keratinocytes has been obtained after removal of the dermis. Fresh mouse keratinocytes have been cryopreserved straight after isolation and therefore they are at passage 0.

Handling instructions:

These convenient murine keratinocytes are ready-to-plate in order to perform your assay. Just thaw the vial and gently dilute it with kSFM medium (from *Life Technologies*, Cat.#:10744-019) supplemented with 50 U/ml penicillin and 50 µg/ml streptomycin. Then seed the keratinocytes onto one 96-well plate that has been previously pre-treated with collagen type I as substrate. Change culture medium 48 hours after seeding and perform your assay as soon as the keratinocytes have the desired confluency.

Product characteristics

Organism: *Mus musculus* (mouse)

Strain: Balb C.

Tissue: Skin.

Cell type: Keratinocytes.

Number of cells: 2 million/vial

Cell viability (post-thawing): 88%

Growth properties: Adherent on collagen type I pre-coated plates.

Safety Statements

Health quality controls regularly performed on these mice including bacteriology, virus serology and parasitology controls, certify these animals to be free of pathogens. Cells have been tested to be negative for Mycoplasma.

Handling & Shipping

This product is only available for Europe. If you are out of Europe, please contact us at info@cellulis.com

Please note that your handling and shipping amount will be displayed once you place your order through our web and it will vary depending on the country of destination. Orders will be processed straight away after payment however the product arrival will depend on the day of the week for the order to be processed. Usually it is within five working days. For large orders,

please contact us at info@cellulis.com. This product will arrive at -70°C in dry ice and for best results we recommend to be used straight away upon arrival.

* Please note that we guarantee the correct functioning of these cells providing the handling instructions we provide are followed.

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