

ISOSKIN MEDIUM KIT for artificial skin

Code: EISS001K
includes: EISS0010L,
EISS0010D, EISS0010A

Description

All over the world about 2 million patients suffer from burn and many of them require skin grafts, furthermore, in about 20% of severely burned patients a skin substitute is required.

Many studies describe the protocol to obtain artificial skin from biopsy and today the artificial skin produced in GMP condition is a validated clinical application for burn patient.

ISOSKIN MEDIUM KIT for artificial skin is a reagent of the ISOCell PRO to support researchers in clinical translation.

ISOSKIN MEDIUM KIT culture medium is formulated to produce artificial skin in vitro.

It is an optimized medium contains components to efficiently grow multilayers epidermal keratinocytes in only three weeks avoiding the use of colera toxin.

Medium preparation

Add to EISS0010L basal medium supplement A (EISS0010A) and D (EISS0010D) thawed overnight at +4°C and mix by swirling prior to use. If desired, antibiotics and anti-fungal can be added.

A complete protocols, from tissue donor to artificial skin, is available if requested. In brief, separate the epidermis from the dermis enzymatically, disaggregate the keratinocytes and seed them in ISOSKIN MEDIUM KIT on a growth-arrested 3T3 feeder layer.

Shelf Life and Storage

The mix of EISS0010L and EISS0010D are stable 6 months at -20°

EISS0010A is stable 6 months when stored at +4°C.

Complete Medium is stable for 3 weeks at +4°C.

For research use only

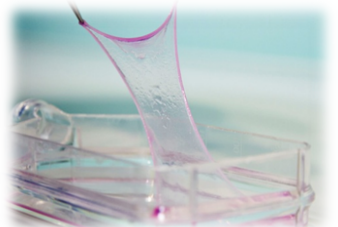
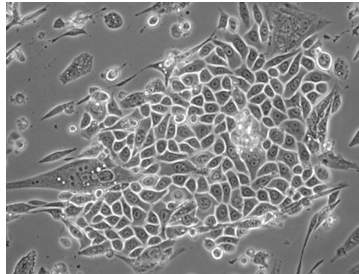


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