Coating Matrix Kit

Animal Origin-Free
Cat. no. R-011-K

Product Description
Coating Matrix Kit is an animal origin-free kit containing materials suitable for coating up to 750 cm² of tissue culture plasticware. Coating Matrix Kit contains 0.5 ml sterile recombinant human Type-1 collagen as a Coating Matrix (Item # 50-9700) and 50 ml Dilution Medium (Item # 50-9701).

Intended Use
Coating Matrix Kit enhances the growth of human keratinocytes in vitro, and is intended for use in conjunction with EpiLife® Medium (cat. no. M-EPI-500-CA, M-EPICF-500, or M-EPICF/PRF-500) supplemented with either Supplement S7 (cat. no. S-017-5) or EDGS (cat. no. S-012-5) for the routine culture of normal human keratinocytes. Coating Matrix Kit may also be used for the primary isolation of keratinocytes in an animal-origin-free environment.

This product is for research use only. Not intended for human or animal therapeutic or diagnostic use.

Caution: If handled improperly, some components of this product may present a health hazard. Take appropriate precautions when handling this product, including the wearing of protective clothing and eyewear. Dispose of properly.

Limited Use Label License No. 5: Invitrogen Technology
The purchase of this product conveys to the buyer the non-transferable right to use the purchased amount of the product and components of the product in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The buyer cannot sell or otherwise transfer the product, including the wearing of protective clothing and eyewear. Dispose of properly.

Storage and Stability
Coating Matrix Kit is stored at 2° to 8° C at our facility and is shipped at ambient temperature. When stored at 2° to 8° C, the product is stable until the expiration date on the label. Do not freeze.

Instructions for Coating Flasks
1. Using sterile technique in a laminar flow culture hood, add Dilution Medium (50-9701) to each flask (5 ml per each 75 cm² flask, or 1.7 ml per each 25 cm² flask).
2. Add Coating Matrix (50-9700) directly to the Dilution Medium in each flask (50 μl per each 75 cm² flask, or 17 μl per each 25 cm² flask). Rock back and forth vigorously to ensure uniform distribution of the coating matrix over the surface of the flask.
3. Cap the flasks and incubate for 30 minutes at room temperature.
4. Remove excess Coating Matrix/Dilution Medium from each flask. The flasks may be used immediately, or may be stored at 2° to 8° C for short periods.

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