

Modified MCDB-153 Medium

Catalog No.	IS1141	500 ml
Introduction	Modified MCDB-153 Medium is a serum-free basal medium with growth factor supplementation for the growth of normal keratinocytes and squamous epithelial cells.	
Format	This is a sterile-filtered, ready to use liquid medium formulation containing D-Glucose, Sodium Pyruvate, L-Glutamine, Sodium Bicarbonate (NaHCO ₃), and Phenol Red (as a pH indicator). Amino acids, inorganic salts, vitamins, trace elements, hormones and growth promoting factors (hydrocortisone, insulin, sodium selenite, testosterone, triiodothyronine, transferrin) are also present.	
Activity	Modified MCDB-153 Medium is tested for sterility, pH, osmolality, and endotoxin concentrations.	
Use	For normal keratinocytes and squamous epithelial cells.	
Storage	Store at 2-8°C in the dark. Product is light sensitive.	
Expiry	Do not use beyond expiration date indicated on the product label. Discard any liquid media that has undergone a colour change, contains precipitates or sediments, is insoluble or has had a decrease in expected performance.	

Use of Modified MCDB-153 Medium does not guarantee the successful outcome of any analysis.

Protocol

1. Remove bottle from 2-8°C storage and read the label.
2. Wipe the outside of the bottle with a disinfectant solution like 70% ethanol.
3. Using aseptic /sterile techniques under a laminar-flow culture hood work according to established protocols.
4. Antibiotics may be added if desired.

Optimal conditions to be determined by investigator.