



## Media 199 with Earle's salts and L-glutamine (M199)

Catalog Number: 09111

### Product Description

Media 199 were originally developed for nutritional studies of chick embryo fibroblasts and formulated as a completely defined media for the culture of primary explants. The medium is useful with serum for growth of a broad range of cells, particularly for non-transformed cells and are widely used for vaccine production, primary pancreatic explants, and lens tissues. Media 199 are formulated with either Earle's salts or Hank's salts Media utilizing Earle's salts are buffered with a bicarbonate/carbonic acid system and will maintain pH in a CO<sub>2</sub> incubator. Use of Earle's salts in atmosphere conditions will result in rapid rise in pH of the culture medium.

### Product Use

M199 is for research use only. It is not approved for human or animal use, or for application in *in vitro* diagnostic procedures.

### Storage

Store at 2-8°C. Protect from light.

### Shipping

Gel ice.

### Prepare for use

M199 is ready for use in a sterile field. Since several components of this medium are light-labile, it is recommended that the medium not be exposed to light for lengthy periods of time. If the medium is warmed prior to use, do not exceed 37°C.

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