

## Product Description

Melanocyte Growth Medium is designed to promote melanocyte proliferation *in vitro*. This medium kit consists of 500 mL of Melanocyte Basal Medium, 2.5 mL of Fetal Bovine Serum, 5mL of Melanocyte Growth Supplement and 5 mL of Antibiotic-Antimycotic (100X).

<b>Catalog No.:</b>	MD-0049
<b>Component:</b>	Melanocyte Basal Medium (MD-0049B): 500 mL Fetal Bovine Serum (MD-0094-2.5ML): 2.5 mL Melanocyte Growth Supplement (MD-0049S): 5 mL Antibiotic-Antimycotic (100X) (MD-0095-5ML): 5 mL
<b>Bioassay:</b>	Each lot was tested for the ability to promote proliferation of skeletal muscle cells <i>in vitro</i> .
<b>Product Use:</b>	Melanocyte Growth Medium is for research use only. It is not approved for human or animal use, or for application in <i>in vitro</i> diagnostic procedures.
<b>Sterility test:</b>	Negative for bacteria, yeast, fungi and mycoplasma.
<b>Storage &amp; stability:</b>	Basal medium is suitable for six months at 4°C. Serum, growth supplement and antibiotics is suitable for a year at -20°C.
<b>Instructions for Use:</b>	Thaw Fetal Bovine Serum, Growth Supplement and Antibiotic – Antimycotic in 37oC water bath. Gently tilt the tubes several times to ensure the contents are completely mixed before adding to the medium. In a sterile field, add Fetal Bovine Serum, Growth Supplement and Antibiotic – Antimycotic to the medium and mix well. The reconstituted medium is stable for one month in 4oC with minimal exposure to light.

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