



Cardiomyocyte Selective Medium Growth Supplement (CSGS)

Catalog Number: 5962

Product Description

Cardiomyocyte Selective Medium Growth Supplement (CSGS) is a medium supplement designed for the selective growth of cardiomyocyte cells *in vitro*. It is a sterile, concentrated (50X) solution which contains growth factors, hormones, and proteins. The supplement is formulated (quantitatively and qualitatively) to provide an optimally balanced growth environment that promotes the growth of cardiomyocytes, but not other cell types. CSGS is designed as an additive for Cardiomyocyte Selective Medium (Cat. #5911) and should be used in conjunction with that medium.

Product Use

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

Storage

Store the CSGS at -20°C before adding to the Cardiomyocyte Selective Medium.

Shipping

Dry ice.

Prepare for use

1. Thaw the CSGS at room temperature. Gently tilt the tube several times during thawing to help the contents dissolve. Make sure the CSGS is completely dissolved before adding it to the basal medium.
2. Decontaminate the external surfaces of the medium bottle and medium supplement tubes with 70% ethanol and transfer them to a sterile field.
3. Remove the cap, being careful not to touch the interior threads with fingers. Add the 50X CSGS into the basal medium using sterile techniques and mix well. The reconstituted medium is now ready for use.

NOTE: Store the complete medium in the dark at 4°C, protecting from light. We recommend warming the medium at room temperature prior to use.

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.