



STEMium™ Human Pluripotent Stem Cell Growth Medium- basal

Catalog Number: 5801-b

Product Description

STEMium™-basal is a serum-free basal medium designed for optimal growth of human embryonic stem cells and induced pluripotent stem cells under feeder-free condition. STEMium™-basal is a sterile, liquid medium containing essential and non-essential amino acids, vitamins, organic and inorganic compounds and trace minerals. This basal medium does not contain growth factors or proteins. The medium is bicarbonate buffered and has a pH of 7.4 when equilibrated in an incubator with an atmosphere of 5% CO₂/ 95% air. STEMium™-basal is formulated (quantitatively and qualitatively) to provide an optimally balanced nutritional environment that selectively promotes growth of normal human embryonic stem cells and induced pluripotent stem cells *in vitro*. This medium was developed for feeder-free culture conditions using Geltrex™ or BD Matrigel™.

STEMium™- basal should be used in conjunction with StemGS® 50X (Cat. No. 5852) human pluripotent stem cell growth supplement.

Product Use

STEMium™-basal is for research use only. It is not approved for human or animal use, or for application in *in vitro* diagnostic procedures.

Storage

Store STEMium™-basal at 4°C. Protect from light.

Shipping

Gel ice.

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.