



HematoGro Supplement–Animal Component Free (HemGS-ACF)

Catalog #5562

Product Description

HematoGro Supplement–Animal Component Free (HemGS-ACF) is a sterile, concentrated (100X) solution which contains proteins and hormones necessary for the short-term maintenance of hematopoietic cells *in vitro*, including bone marrow mononuclear and peripheral blood cells. This supplement does not contain serum, growth factors, cytokines or animal-derived components, and is designed to be used in conjunction with HematoGro Medium – Animal Component Free (HemGM-ACF; Cat #5521).

Product Use

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

Storage

Store HemGS-ACF at -20°C; once added to medium, store at 4°C and protect from light. Do not refreeze after thawing.

Shipping

Dry ice.

Instructions for Use

For best results, use HemGS-ACF in conjunction with HematoGro Medium–Animal Component Free-basal (HemGM-ACF-b, Cat #5521-b) and Pen/Strep (P/S, Cat #0503/#0583).

Thaw HemGS-ACF at 37°C. Gently tilt the tube several times to ensure complete mixing. Spray the medium bottle and supplement tube with 70% ethanol and wipe to remove excess liquid. In a sterile field, remove the caps without touching the interior threads with fingers. Add HemGS-ACF to the basal medium and mix well. Since several components are light-labile, the medium should not be exposed to light for extended periods. We do not recommend warming medium in a 37°C water bath prior to use. When stored in the dark at 4°C, the reconstituted medium is stable for one month.

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.