



**HematoGro Supplement
(HemGS)**
Catalog #5552

Product Description

HematoGro Supplement (HemGS) 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 or cytokines and is designed to be used in conjunction with HematoGro Medium (HemGM; Cat #5501).

Product Use

HemGS 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 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 in conjunction with HematoGro Medium-basal (HemGM-b, Cat #5501-b) and Pen/Strep (P/S, Cat #0503/#0583).

Thaw HemGS 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 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.