

# HemoGLO™

By Preferred Cell Systems™

## Bioluminescence Proliferation & Viability Assay for Lympho-Hematopoietic Cells

### Uses of HemoGLO™

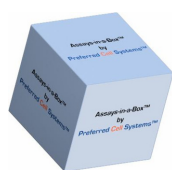
- ☐ Measure lympho-hematopoietic stem and progenitor cell viability, proliferation and growth.
- ☐ Use as a more reliable alternative CFU assay, without counting colonies, but for a similar price.
- ☐ Measure and compare proliferation ability and/or potential between tissues and cell populations.
- ☐ Perform cell population and species comparison assays.
- ☐ Experimental transplantation and gene targeting models.
- ☐ Effects of growth factors and/or cytokines.
- ☐ In vivo to in vitro assays.
- ☐ Multiplex with flow cytometry and other readouts.

### Benefits of HemoGLO™

- ☐ An "Assay-in-a-Box™" that is a complete non-subjective, instrument-based quantitative assay.
- ☐ The most reliable and reproducible assay for lympho-hematopoietic stem and progenitor cells.
- ☐ Sensitivity and accuracy outperforms the CFC assay.
- ☐ Culture 4 days for animal cells, and 5-7 days for human cells. Results available after 30-45 minutes.
- ☐ Simple to use, easy to learn (less than 1 day) time efficient, cost effective and convenient.
- ☐ Incorporates proprietary Suspension Expansion Culture™ (SEC™) Growth Medium for easy dispensing and accuracy.
- ☐ Available for multiple individual stem and progenitor cell populations from 8 different species.
- ☐ Also Available for 4-, 5- and 7-Population "Global" assays.
- ☐ Option to standardized the assay and multiplex with other assay readouts.

### Assay Principle

HemoGLO™ is the new easy to use and rapid viability and proliferation hematopoietic stem and progenitor cell assay from Preferred Cell Systems™. HemoGLO™ is a more simple version of HALO®, using the most sensitive ATP bioluminescence readout available. It completely replaces the methylcellulose CFU assay with a faster, high precision, more reliable and reproducible and more convenient assay, but at a similar price. Like its sister assays, HemoFLUOR™ and HemoLIGHT™, it can be combined with flow cytometry to provide all the cell differentiation information you need.



**Assays-in-a-Box™**  
by  
**Preferred Cell Systems™**

[www.preferred-cell-systems.com](http://www.preferred-cell-systems.com)