



**TRINOVA**BIOCHEM  
European Distributor of  
Preferred Cell Systems™

## STEMassays - for Primary Cells, ES, iPS, Cell Lines and Cancer

PCS™ STEMassays allow you to measure proliferation and viability of a large variety of adherent and non-adherent primary cells, ES, iPS and cell lines. Choose from a variety of read-outs including ATP bioluminescence, fluorescence and absorbance/colorimetry:

### STEMGlo™

ATP bioluminescence proliferation and viability assays  
(incl. standards and controls)

### STEMFlour™

Fluorescence proliferation and viability assays

### STEMLight™

Absorbance/colorimetric proliferation and viability assays

### STEMGlo™ Real Time

ATP bioluminescence assays to monitor cell proliferation in real time

### STEMGlo™-Tox HT

ATP bioluminescence assays to measure potential toxicity



## Standardized Research Assay that Provides the Flexibility to Grow and Measure Cells from a Large Variety of Cell Types

- Instrument-based quantitative ATP bioluminescence assay
- Measures viability, cell functionality, proliferation/cytotoxicity and cell number
- After cell culture, get results in just 30 min using a luminescence plate reader
- Multiplex STEMGlo™ with other assay readouts such as flow cytometry, gene analysis, and other readouts to get most information from a single sample

**Better Assays - Better Science**



## The Most Versatile Assay Available for Your Stem Cell Research

### A Large Variety of Cell Types can be Detected:

- ▶ Embryonic stem (ES) cells
- ▶ Induced pluripotent stem (iPSC) cells
- ▶ Primordial germ cells (PGC)
- ▶ ES-, iPS- and PGC-derived cells
- ▶ Primary stem cells
- ▶ Endothelial, epithelial, fibroblastoid, muscle and other cell types from:
  - Bladder
  - Gut
  - Liver
  - Brain
  - Heart
  - Ovary
  - Breast
  - Kidney
  - Prostate
  - Eye
  - Lung
  - Skin
- ▶ Transformed cell lines
- ▶ Cancer cells

### Available STEMGlo™ Assay Kits

Catalog No	Description	Size
KSG-96-A-1	For <b>adherent</b> stem cells, ES, iPS, cell lines	1 x 96-well Kit
KSG-96-NA-1	For <b>non-adherent</b> stem cells, ES, iPS, cell lines	1 x 96-well Kit

### Kit Contents

- Base medium for ATP standard curve
- ATP standards
- ATP controls
- ATP enumeration reagent
- Sterile, 96-well plate / Non-sterile 96-well plate
- Sterile, adhesive foil covers
- Assay manual

### About Us

Trinova Biochem is the European distributor of Preferred Cell Systems™ (PCS™) - the exclusive manufacturer of all products originally produced by HemoGenix®. Preferred Cell Systems™ develops innovative, high-quality in vitro Assays and cell culture Media for Stem Cell Research, Cellular Therapy, In Vitro Toxicology and Regenerative Medicine.

#### TRINOVA BIOCHEM GmbH

Rathenaustrasse 2  
35394 Giessen/GERMANY

Fon: + 49 (0) 641 94390-0  
Fax: + 49 (0) 641 94390-22

[info@trinova.de](mailto:info@trinova.de) / [order@trinova.de](mailto:order@trinova.de)  
[www.trinova.de](http://www.trinova.de)