



## Immune Cell Functional Assays

Whether it is a simple lymphocyte proliferation assay, donor lymphocyte infusion (DLI) testing or mixed cultures, these assays are flexible for any laboratory:

### ImmunoGlo™

ATP bioluminescence lymphocyte proliferation assay

### ImmunoGlo™ MLC

ATP bioluminescence 1- or 2-way **Mixed Lymphocyte Culture** assay

### ImmunoGlo™ TCP

ATP bioluminescence **T lymphocyte Cell Proliferation** and viability assay

### ImmunoGlo™ Real Time

ATP bioluminescence assay to monitor cell processing in Real Time



## ImmunoGlo™ TCP

### Human T Lymphocyte Cell Proliferation and Viability Assay Kit

**Non-radioactive assay to measure T lymphocyte cell proliferation using a fully standardized ATP bioluminescence readout**

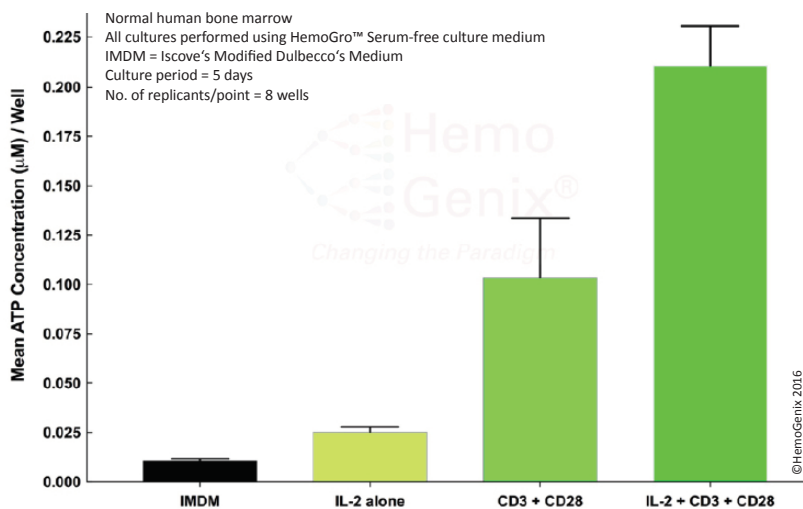
- To measure T lymphocyte proliferation with a non-radioactive assay
- T lymphocyte proliferation assay kits work right out of the box
- Equal or improved sensitivity to a radioactive marker and 10-100 times increased sensitivity than WST-1 or CFSE assays
- Growth medium for improved T cell proliferation with:
  - IL-2 alone
  - CD3 + CD28
  - IL-2 + CD3 + CD28
- A standard 5-days incubation period can be varied if required
- Readout has been validated, and can easily be re-validated with the included standards and controls

**Use an assay that works right out of the box!**

## ImmunoGlo™ TCP

### Performance of ImmunoGlo™ TCP - T lymphocyte Cell Proliferation Assay

The figure below shows T lymphocyte proliferation with HemoGro™ growth medium + IMDM, + IL-2 alone, + CD3/CD28 or + IL-2/CD3/CD28 performed with ImmunoGlo™ TCP assay (culture period = 5 days).



### Available ImmunoGlo™ TCP Assay Kits

Catalog No	HemoGro™ serum-free medium containing	Size
K2-T-1H	IL-2 alone	1 x 96-well Kit*
KM1-TCS1-1H	CD3 + CD28	1 x 96-well Kit*
KM1-TCS2-1H	IL-2 + CD3 + CD28	1 x 96-well Kit*

\* bulk orders and assay kits with 384-well plates for high-throughput screening are available upon request

### Kit Contents

- HemoGro™ Serum-free medium for Human cells containing the required cytokine cocktails
- ATP standard
- ATP controls
- ATP enumeration reagent
- Sterile, 96-well culture plates for culturing cells
- Non-sterile, 96-well plates (for assay standardization)
- Sterile, adhesive foil covers to maintain sterility of unused wells
- 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.

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