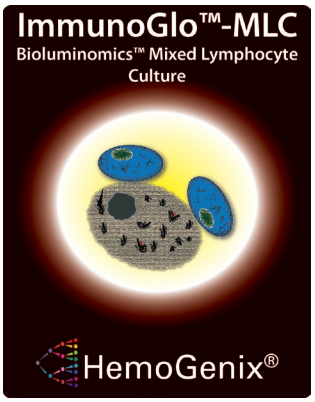

ImmunoGlo™-MLC

Bioluminomics™ Mixed Lymphocyte Culture

ImmunoGlo™-MLC Applications

- One-way mixed lymphocyte culture (MLC) / reaction (MLR).
- Two-way mixed lymphocyte culture (MLC) / reaction (MLR).
- Allogeneic mixed lymphocyte culture.
- Cellular immune response.
- Dendritic cell interactions.
- Mesenchymal stem/stromal cell interactions.
- Agents that activate/suppress MLC/MLR.

Used with, but not limited to:

- Lymphocytes and subpopulations from a variety of sources
- Lymphocyte cell lines
- Other potential immunoreactive cell types

Advantages to using ImmunoGlo™-MLC?

- Non-radioactive assay incorporating proven Bioluminomics™ Technology. Can replace all radioactive MLC/MLR assays.
- Instrument-based, quantitative and fully standardized readout procedure.
- 10 - 100 times more sensitive than WST-1, CSFE an other absorbance or fluorescence assays.
- High throughput capability.
- Complete flexibility to use virtually any MLC/MLR protocol.
- Reliably compare results over time.
- Easy to learn, fast to use.
- Multiplexing capability to incorporate flow cytometry and other assay readouts for additional information from the same sample.

Species

- Applicable to multiple species

Standardized Bioluminomics™ Technology

- Incorporates an ATP-based luciferin/luciferase bioluminescence signal.
- Measures intracellular ATP (iATP) (the cell's energy source) to determine proliferation and cell number both of which are proportional to the iATP concentration.
- Most sensitive non-radioactive signal detection readout available.
- Single addition reagent with results in 10 minutes.
- Complete assay kit; includes everything needed to calibrate and standardize and, if necessary, validate the assay.

Kit Contents:

- Mitomycin C
- ATP standard
- ATP controls
- ATP Enumeration Reagent
- Sterile, 96-well culture plates
- Non-sterile, 96-well plates
- Sterile, adhesive foil covers
- Instruction manual

HemoGenix®
Changing the Paradigm

Assays You Can Trust
Innovative Expertise You Can Count On

www.hemogenix.com | Tel: 719-264-6250 | Fax: 719-264-6253 | info@hemogenix.com
HemoGenix® ©2012