



TRINOVABIOCHEM
European Distributor of
Preferred Cell Systems™

Regenerative Medicine - Mesenchymal Stroma Cell (MSC) Assays

For regenerative medicine applications, the 'quality' and potency of the MSCs are of paramount importance. MSC 'quality' is measured by proliferation ability, while potency is measured by proliferation potential, two properties that help define and characterize stem cells. Use a quantitative MSC proliferation assay to characterize an MSC-derived, regenerative medicine product.

MSCGlo™ QC

2-3 day predictive ATP bioluminescence MSC quality control assays

MSCGlo™ SC-IPS/Potency

ATP bioluminescence assays for in-house RS + MSC samples

MSCGlo™ Real Time

ATP bioluminescence assays to monitor cell processing in real time



MSCGlo™ Real Time

Measure Mesenchymal Stem/Progenitor Cell Proliferation in Real Time

with Multiplexing Flow Cytometric, Phenotypic Marker Capability

- Watch MSCs grow over 2-3 days by taking bioluminescence readings at any times you like
- Non-lytic, bioluminescence assay; thus compatible with downstream applications: e.g. flow cytometric analysis with fluorochrome-conjugated antibodies (CD73⁺, CD90⁺, CD105⁺ and/or CD106⁺) to observe changes in phenotypic markers with time
- MSCGlo™ Real Time includes your choice of MSC medium: MSCGro medium or CRUX RUFA Human Platelet Lysate

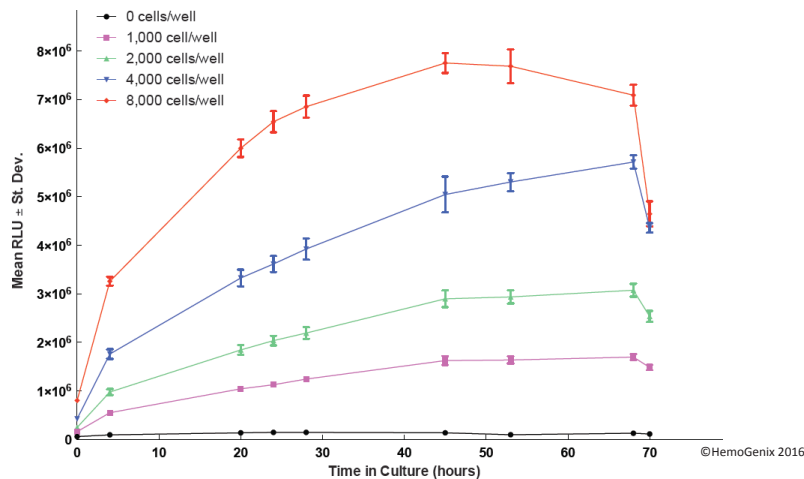


Better Assays - Better Science

MSCGlo™ Real Time

Measuring Human Bone Marrow MSC Growth Kinetics using MSCGlo™ Real Time

(At any time, fluorochrome-conjugated antibodies can be added for cytometric phenotypic analysis)



Available MSCGlo™ Real Time Assay Kits

Catalog No	Description	Size
KMRT-CR-1	MSCGlo™ Real Time incl. CRUX RUFA Human Platelet Lysate	1 x 96-well Kit
KMRT-LS-1	MSCGlo™ Real Time incl. MSCGro Low serum	1 x 96-well Kit
KMRT-SF-1	MSCGlo™ Real Time incl. MSCGro Serum-free	1 x 96-well Kit
KMRT-H-1	MSCGlo™ Real Time incl. MSCGro Humanized	1 x 96-well Kit
KMRT-CLS-1	MSCGlo™ Real Time incl. MSCGro Canine Low serum	1 x 96-well Kit
KMRT-CSF-1	MSCGlo™ Real Time incl. MSCGro Canine Serum-free	1 x 96-well Kit
KMRT-ELS-1	MSCGlo™ Real Time incl. MSCGro Equine Low serum	1 x 96-well Kit
KMRT-ESF-1	MSCGlo™ Real Time incl. MSCGro Equine Serum-free	1 x 96-well Kit

Kit Contents

- MSCGlo™ Real Time reagent
- Your Choice of Growth Medium:
 - CRUX RUFA Human Platelet Lysate
 - MCSCGro Low serum complete medium for Human, Primate, Rat or Mouse
 - MCSCGro Serum-free, xeno-free complete medium for Human, Primate, Rat or Mouse
 - MCSCGro Humanized complete medium
 - MCSCGro medium for Canine and Equine MSCs
- Sterile, 96-well plates
- 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.

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