



Optimizing Your Cell Culture

UltraGRO™ - Cell Culture Supplements



Made in USA

Order Number	Product	Heparin Use	Volume (mL)
HPCPLCRL05	UltraGRO™	Heparin required	50
HPCPLCRL10			100
HPCPLCRL50			500
HPCPLCGL05	UltraGRO™ (GMP Grade)	Heparin required	50
HPCPLCGL10			100
HPCPLCGL50			500
HPCFDCRL05	UltraGRO™-Advanced	No heparin required	50
HPCFDCRL10			100
HPCFDCRL50			500
HPCFDCGL05	UltraGRO™-Advanced (GMP Grade)	No heparin required	50
HPCFDCGL10			100
HPCFDCGL50			500

 **AventaCell**
BioMedical Co., Ltd.

* AventaCell Internal Data 2014-2016

Manufacturing Suite:

575 14th St. NW, Suite 100, Atlanta, GA, USA 30318

Website: www.atcbiomed.com

Contact us: sales@atcbiomed.com

日本代理店: コラジェンファーマ株式会社 (<http://www.kolagen-pharma.com/>)

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Optimizing Your Cell Culture

UltraGRO™ - Cell Culture Supplements

Rapid, Consistent, Cost-Effective Expansion !

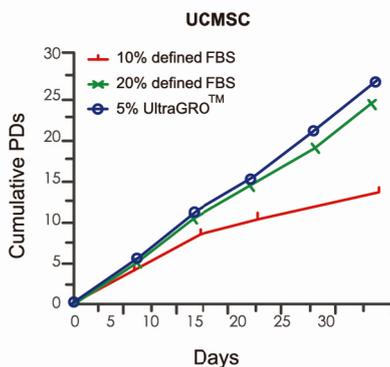
Features

- ✓ Cost-effective, non-xenogeneic / serum substitute
- ✓ Natural source and natural signal for cell growth
- ✓ Abundant growth factors / cytokines / proteins that maximize MSC growth
- ✓ Ideal in vivo environment for cell culture
- ✓ Lot to lot consistency
- ✓ Extended storage without losing potency
- ✓ Research grade and GMP grade available

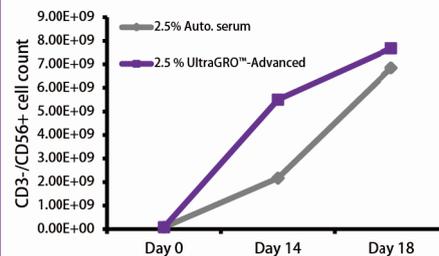
Benefits

- ✓ Replace up to 20% FBS with only 5% UltraGRO™
- ✓ Better performance in primary and expansion cultures
- ✓ Shorten population doubling times (20~30 hrs)
- ✓ Lower cost per million cells produced
- ✓ No adhesion factors needed
- ✓ Reproducible cell culture results
- ✓ From pre-clinical to clinical trial with the same supplement
- ✓ **No heparin required in UltraGRO™ - Advanced**
- ✓ **Drug Master File is available for UltraGRO™ - Advanced**

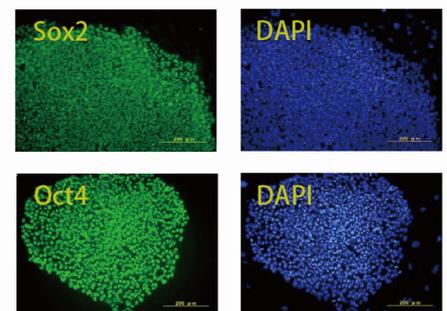
20% FBS Can Be Replaced by 5% UltraGRO™ for hMSCs



NK Cell Expanded in SF Medium with UltraGRO™-Advanced



Maintains embryonic stem cell pluripotency by UltraGRO™-Advanced



TO ORDER OR FOR MORE INFORMATION Please visit www.atcbiomed.com



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