BioMab, Inc.

Improve Human Health Through Innovations

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EV Production Kit

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BioMab –EV Production Kit

1. For adipose-MSC, bone-marrow-MSC, cord blood-MSC
2. Simple protocol, high production efficiency
3. Chemically Defined (animal origin free)
4. For 2D & 3D culturing systems
5. Continuously harvesting EV for 14 days at 2D culturing system without changing MSC

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BioMab –EV Production Kit

Product specification

- Research Grade (RUO) : BMI-EV Qualified (1L)

Product features

- Formulated without HEPES buffer
- Addition of supplement at normal concentration needed
- No phenol red in EV Medium
- Storage conditions:
  - EV Medium stored at 2-8°C sealed
  - EV Supplements stored at -20 °C sealed

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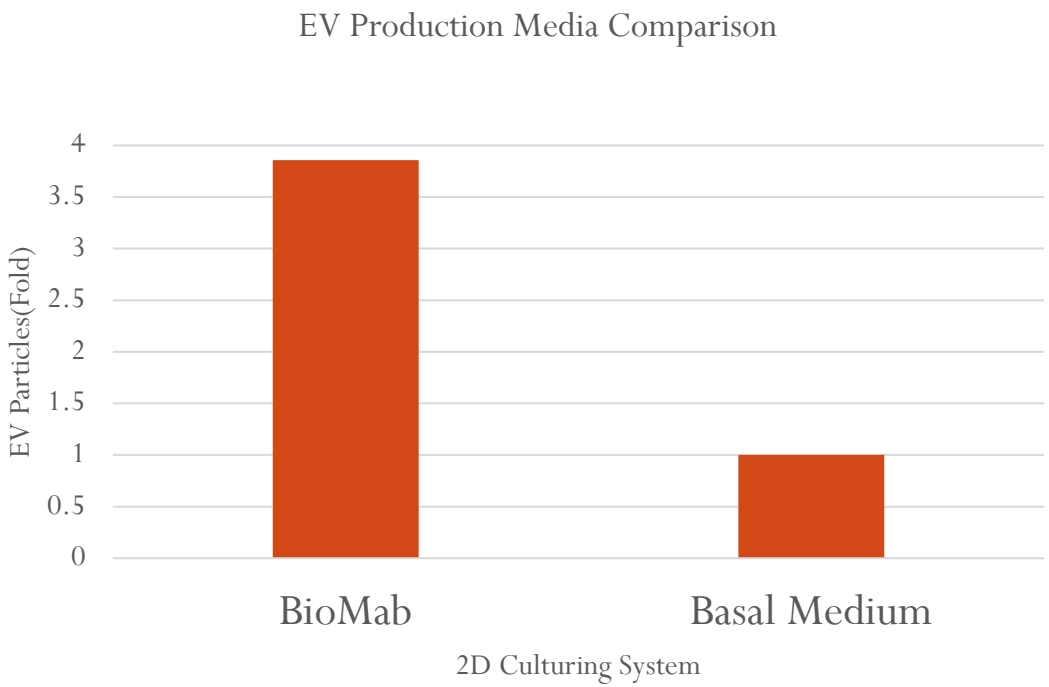
Performance

EV Production Kit Comparison



EV harvested at Day 3

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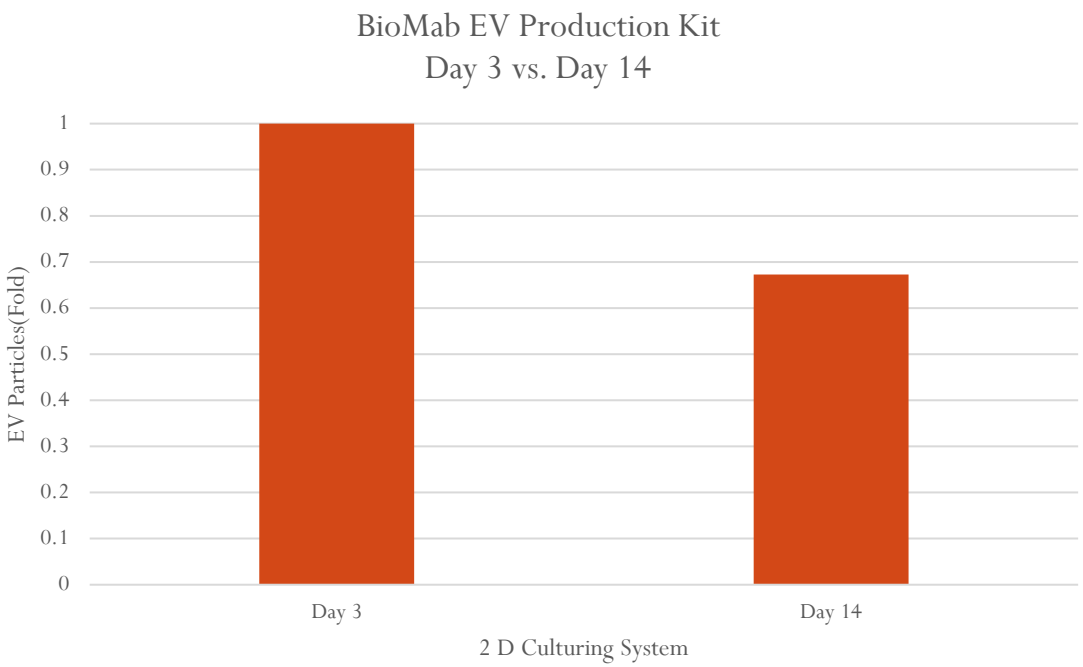
BioMab EV Production Kit



EV harvested at Day 3 vs Day 14

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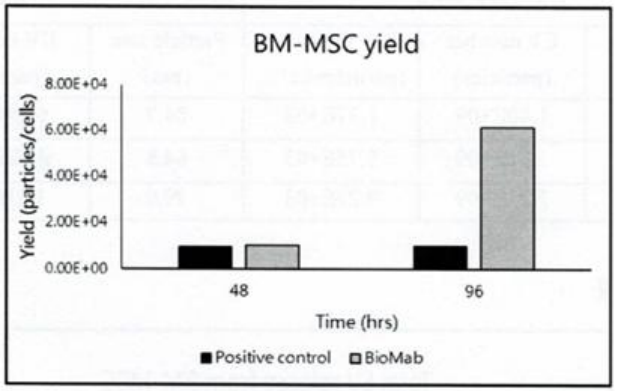
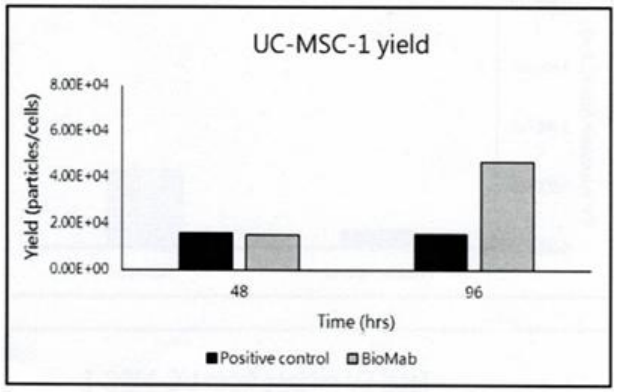
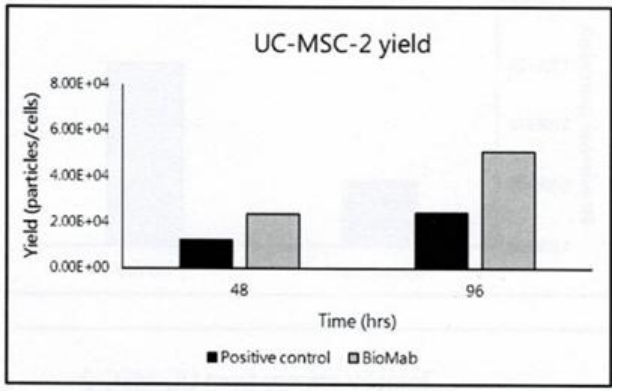
Testing Results – Customer A

EV Productions/Cell with Different MSCs at Different Time Points

EV Particle Size (150nM)







2D Culture System

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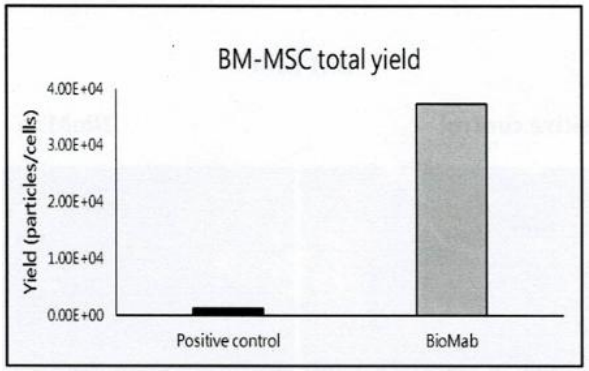
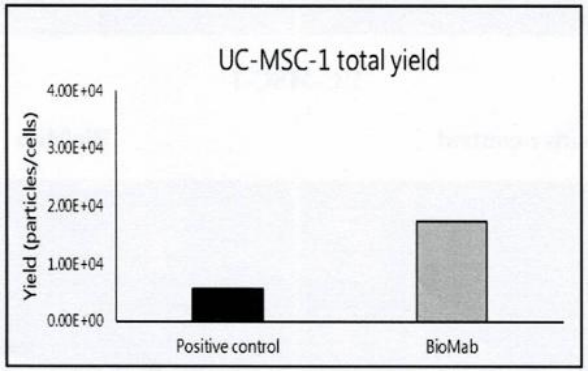
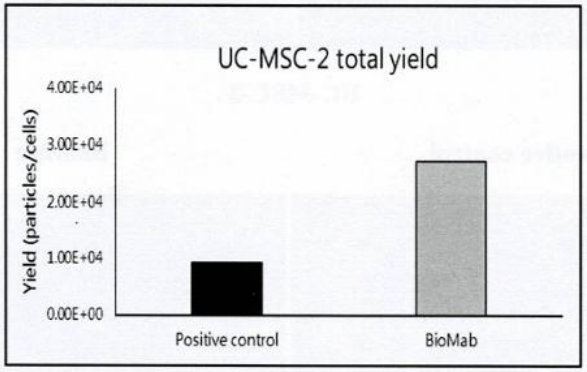
EV Productions/Cell with Different MSCs at Different Time Points

EV Particle Size (80nM)







2D Culture System

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Testing Results – Customer B

Customer Testing

Positive Control

Analysis	
Size range min (nm):	65.0
Size range max (nm):	400.0
Total concentration (/mL):	2.21E+11
Number of particles detected:	2031
Statistical error in concentration (%):	2.2%
D10 (nm):	68.4
D50 (nm):	78.4
D90 (nm):	172.2
Data processing user name:	nCS1

BioMab EV Production Kit

Analysis	
Size range min (nm):	65.0
Size range max (nm):	400.0
Total concentration (/mL):	2.22E+12
Number of particles detected:	2052
Statistical error in concentration (%):	2.2%
D10 (nm):	68.4
D50 (nm):	85.1
D90 (nm):	162.2
Data processing user name:	nCS1

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Competitive Analysis

Competitive Analysis

	Product	EV production
BioMab	EV Production Kit	4X of Basal Medium
Rooster Bio	RoosterCollect EV Pro™	1X of Basal Medium
FujiFilm	EV-Up™ Exosomes Production Medium for MSC	2.6X of Basal MEdium

Contact information

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