



Certificate of Analysis

Product Name: *MATRIX®*
Product Description: *MATRIX®* is a minimally manipulated amniotic fluid product.

Lot # & Tissue ID:

Shipping: Ship with dry ice at -65 Celsius or below
Storage Conditions: Store at -80 Celsius or below
Manufacturer: The Center for Regenerative Medicine Laboratories, Inc.
1001 NE 125th Street
Miami, FL 33161 USA

Certification:

This *MATRIX®* product meets acceptance criteria established by *The Center for Regenerative Medicine Laboratories, Inc.* for safety and efficacy. Samples from this lot were tested and this product was manufactured in accordance with its quality management system, which complies with the U.S. Food & Drug Administration's (FDA) regulations contained on title 21 Part 1271 of the Code of Federal Regulations Section 361 of the Public Health Service Act and Good Laboratory Practices (GLP).

Disclaimer:

It may not be transferred to third parties, resold, modified, or mixed for resale or used to manufacture commercial products for resale without written authorization from *The Center for Regenerative Medicine Laboratories, Inc.* It is only intended for research purposes.

*Note: This Zeta View analysis data is from independent 3rd Party testing from Zen-Bio, Inc

Center for Regenerative Medicine Laboratories ZetaView Analysis

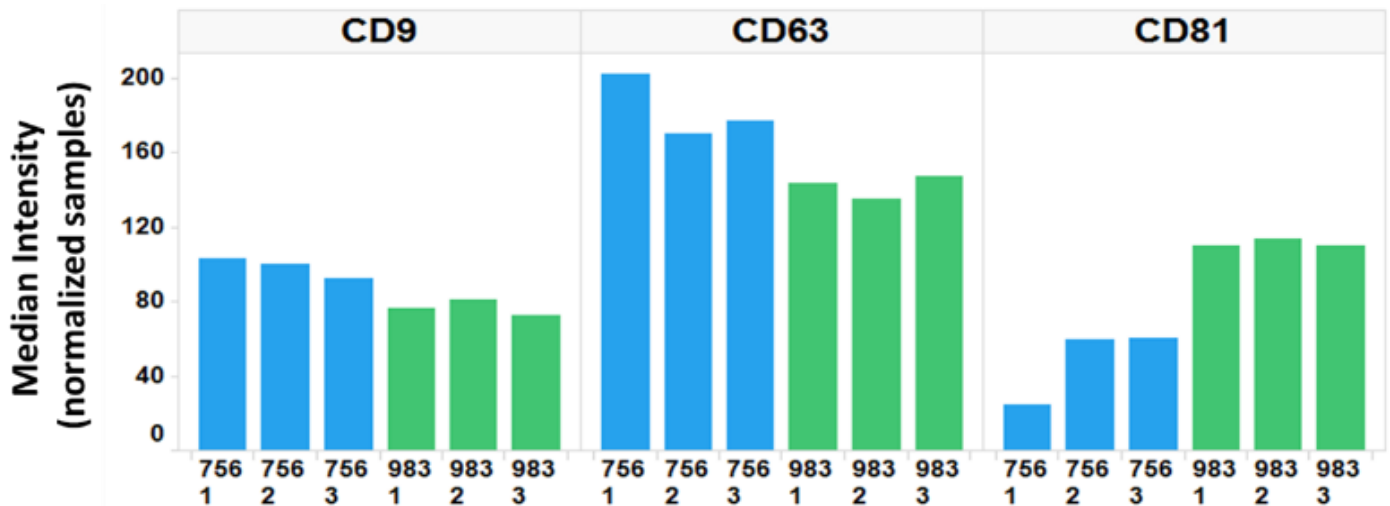
Sample	Particle Diameter (nm)		Concentration
	Mean	Mode	(particles/mL)
ALOCYTE_Vial1_ab2040756_062520B	112.8	72.5	6.30E+12
ALOCYTE_Vial2_ab2040756_062520B	104.2	77.5	5.40E+12
ALOCYTE_Vial3_ab2040756_062520B	112.9	87.5	4.40E+12
MATRIX_Vial1_ab2040983_06302020	134.2	92.5	6.30E+12
MATRIX_Vial2_ab2040983_06302020	133.9	92.5	6.10E+12
MATRIX_Vial3_ab2040983_06302020	137.1	87.5	7.00E+12

Results:

- Two lots (ALOCYTE and MATRIX) were analyzed for surface proteins (Vial 1, Vial 2, Vial 3)
- While the mean and mode sizes of the particles between the two lots show variation, there is consistency within each lot for the triplicate samples
- Particle size for all samples is the size expected for exosomes
- Similar, particle concentration within each lot is consistent

Conclusion:

- Manufacturing process is robust
- Large quantities of particles are obtained (trillions)



Results:

- Two lots (ALOCYTE 756 and MATRIX 983) were analyzed for surface proteins CD9, CD63 and CD81, in triplicate (Vial 1, Vial 2, Vial 3)
- While the relative amounts of CD39, CD53, and CD81 between the two lots show variation, there is consistency within each lot for the triplicate samples

Conclusion:

- Particles obtained from the two lots are indeed exosomes.