



RESEARCH
DISCOVERY
DEVELOPMENT

Vive

TOPICAL MSC EXOSOME
GROWTH FACTOR
SKINCARE SERUM



KIMERA LABS OFFER OPTIMAL-PURITY

Kimera Labs is the leading exosome biotechnology laboratory specializing in the production of perinatal mesenchymal stem cell-derived (MSC) exosome products.

Vive is a topical solution specially developed for skincare purposes. The product contains proteins, enzymes, growth factors, and exosomes derived from mesenchymal stem cells (MSCs).

The MSC cell bank utilized in the manufacturing process is meticulously isolated from donated human placenta. The manufacturing process is performed following strict cGMP guidelines in an FDA inspected laboratory.

**With Hyaluronic Acid, Vitamin C,
Amino Acids, Rose Water, plus Trehalose***

Methionine	Leucine
Arginine	Lysine
Phenylalanine	Proline
Aspartic Acid	Serine
Glutamic Acid	Threonine
Glycine	Tryptophan
Histidine	Tyrosine
Isoleucine	Valine



**Trehalose is known to promote the natural recycling of cellular components. It also helps maintain the biological integrity of the product when frozen.*

AN INVESTIGATIONAL PILOT STUDY

THE UTILIZATION OF HUMAN PLACENTAL MESENCHYMAL STEM CELL DERIVED EXOSOMES

Forty patients were enrolled in a randomized, double-blinded, placebo (saline) controlled study. There were 20 patients in the treatment group and 20 patients in the saline control group. Each group underwent facial micro-needling with immediate topical application of either 5 billion exosomes suspended in saline, or saline alone. Treatments were repeated at 30, 60, and 90 days, with final analysis at 120 days. Standardized photography was coupled with 3-dimensional analysis utilizing the Quantificare Imaging System. Linear analog tests were also administered to objectify patient satisfaction.

There were no adverse reactions, allergic, or hypersensitivity reactions reported. The exosome treatment group showed improved tone, quality, and clarity of their skin compared to the control group ($p < .0001$), with a reduction in pores, pigment, oiliness, and improvement in evenness of skin. There was a constant progression of satisfaction with results in the treatment group from 30 to 120 days, compared with a high degree of dissatisfaction with results in the control group.



Kimera® Labs

A leading exosome biotechnology laboratory specializing in the production of perinatal mesenchymal stem cell-derived (MSC) exosome products.

Founded in 2012 by Duncan Ross, Ph.D., Kimera Labs has been the leader in the field of MSC exosome production and isolation. Unlike biologic tissue laboratories that manufacture exosome products by direct processing of donor tissues such as adult bone marrow or placenta, Kimera Labs produces MSC exosomes from isolated mesenchymal stem cell cultures using chemically defined media, which contain no animal or human serum.

Using advanced, proprietary, exosome isolation technology, Kimera produces the highest-purity MSC exosomes at scale.



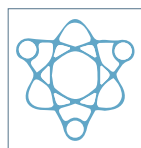
QUALITY



INNOVATION



EDUCATION



REGULATION



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