

AUTOLOGOUS SYSTEM SAFE AND EFFECTIVE

Exomine Kit is an autologous system obtained from the patient's own blood, so it does not cause any side effects such as allergic reactions or immune system problems after injection. Exomine Kit product provides safe and effective application for the patient.

EXOMINE: A LEADER IN EVERY MEDICAL SPECIALTY

In Hair and Skin Treatments

Nourishing the hair tissue and stimulating hair follicle cells significantly stops hair loss, promotes the growth and thickening of existing hair. By stimulating the production of essential collagen and elastin for the skin, it enhances skin texture, reduces the appearance of wrinkles, and facilitates quick repair and regeneration.

In Joint and Connective Tissue Treatments

Through the functions of intercellular signaling and cell stimulation, it contributes to the augmentation of synovial fluid, It plays a significant role in strengthening and repairing joint and connective tissue.

EXOMINE.
use the power in you

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T-LAB has been developing products in the field of regenerative medicine since 2012. More than 2 Million+ treatments have been performed with our PRP products; We are Türkiye's leading PRP Kit manufacturer. T-LAB is always up to date with the latest innovations and adopts a people-oriented approach with improved patient outcome as the core of its philosophy, To that end it is closely involved in Regenerative medicine through its Foreign and Local partners, reinforcing its status as a Global Firm and exporting to 70+ countries.

In addition, T-LAB has developed, keeps developing & improving the quality of the treatment that its devices offer through its PRP, PRF, Autologous Exosomes, Micrograft Regenerative Kit, Non-Enzymatic SVF Kit, Hydrogel Wound Dressing, and Liposomal Ozone based products. T-LAB always aims to go further in the field of Regenerative Medicine.



Legal Disclaimer:

The content provided in this brochure is intended for general informational purposes only and does not constitute advice related to our products, medicine, health, or diseases. The information presented here is not intended to replace the advice of a physician, nor does it serve the purpose of providing medical diagnosis or treatment. Before initiating any treatment related to the products mentioned here, it is strongly recommended that you consult your doctor regarding your specific health condition or illness.

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t-lab
REGENERATIVE MEDICINE

EXOMINE.
use the power in you

Autologous Platelet-Derived
Exosome-Rich Plasma

YOUTH is
HIDDEN WITHIN
YOUR CELL

| THERAPEUTICS | ORTHOBIOLOGICS | AESTHETICS

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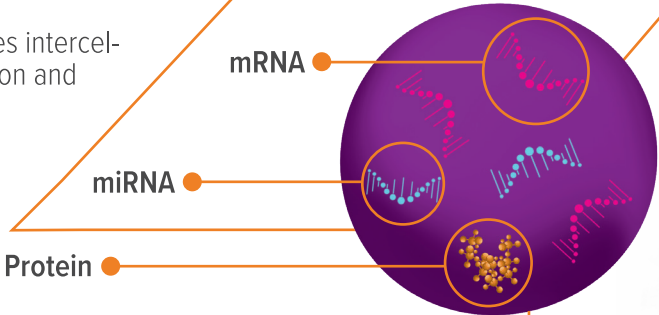
WHAT IS EXOMINE ?

The Exomine Kit induces the release of billions of vesicles by stressing platelets and trace amounts of other blood cells found in PRP. Simultaneously, it provides a plasma rich in platelet-derived exosomes by activating platelets with its special protocol and devices.

mRNA: Through its support in transferring genetic information to target cells, it plays a critical function in facilitating intercellular communication and the exchange of genetic material.

miRNA: Through the modulation of gene expression, it governs the synthesis of proteins, proving effective in biological processes like cell differentiation, development, and regulation.

Protein: It provides intercellular communication and regulation.



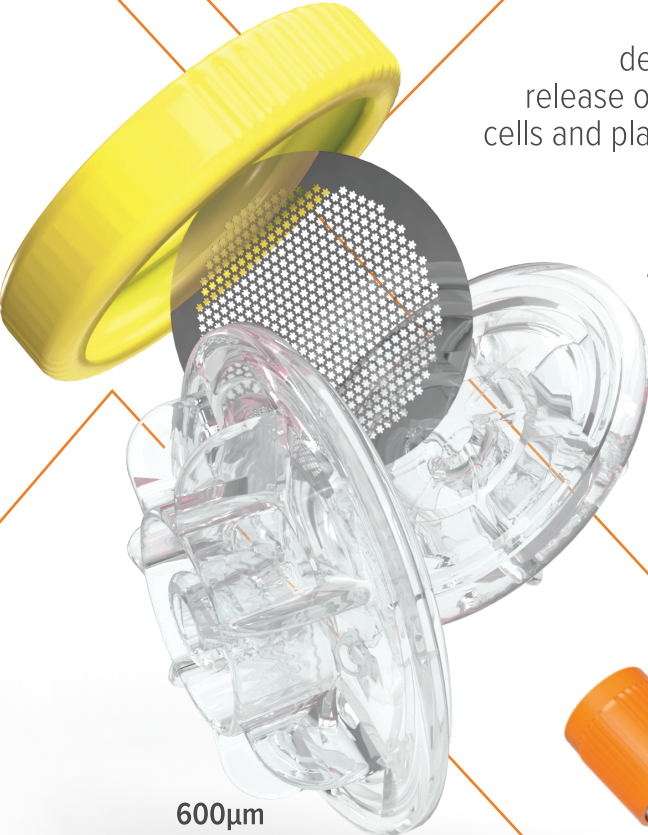
Exosome Size 30-150 nm



NOT EVERY VESICLE IS AN EXOSOME, DISCOVER THE UNIQUENESS!

MICROLYZER BLADE TECHNOLOGY

The Microlyzer 600µm, with its special design blades and structure, induces the release of billions of vesicles by stressing blood cells and plays a significant role in the activation of platelet cells simultaneously.

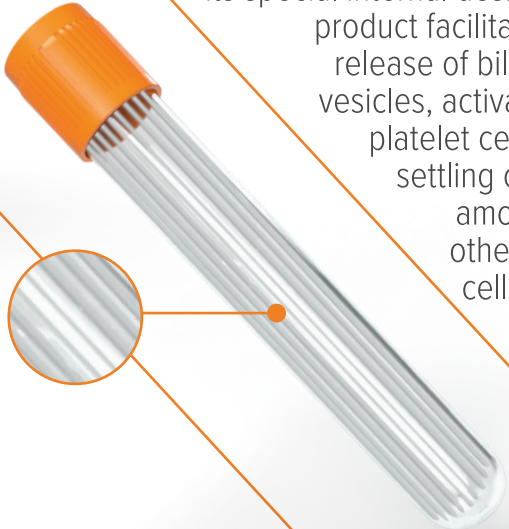


600µm
Special Design

ADVANCED PRX TUBE

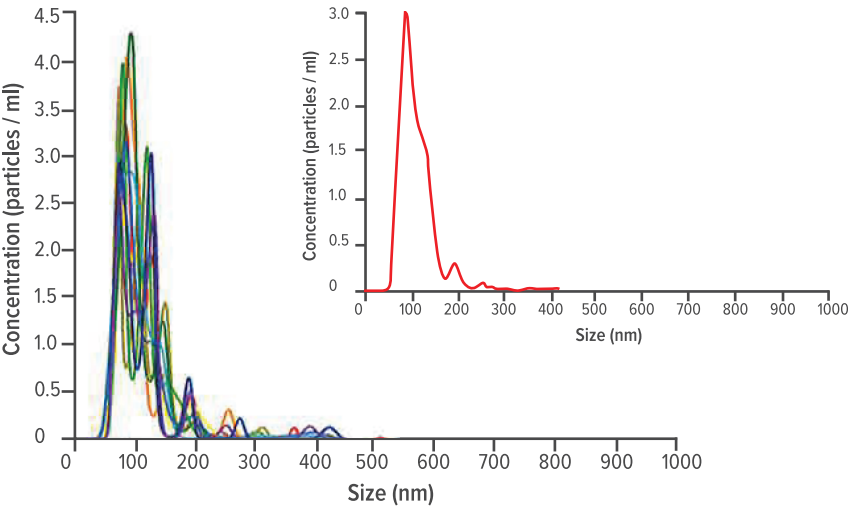
T-LAB, through collaborative efforts with its highly skilled research and development team collaborating with specialized medical professionals, has developed patented and uniquely designed "Advanced PRX Tube" as a result of studies aimed at enhancing vesicle release of blood cells of specific size and weight. With its special internal design, the product facilitates the release of billions of vesicles, activation of platelet cells, and settling of trace amounts of other blood cells in the pellet.

Advanced
PRX Tube



PROVEN PROTOCOL

RESULTS OF NANOSIGHT NS300 NTA



FTLA Concentration 7 Size graph for Experiment: "Striped Tube EV 1-200"
(Measurements were conducted at Yeditepe University Biosidal and R&D Laboratories.)

RESULTS OF FLOW CYTOMETRY

CD9 (Platelet)	: 99,6%
CD45 (Pan Leukocyte Marker)	: 0,3%
CD41 (Platelet GPIIb, IIb Integrin)	: 99,4%
CD61 (Platelet glycoprotein GPIIIa)	: 98,6%
CD81 (Target for anti-proliferative antigen 1 [TAPA-1])	: 98,5%
7 AAD	: 98,9%

Immunophenotypic measurements were performed using the Beckman Coulter DxFLEX Flow Cytometry system, and the evaluation was completed with the CytExpert DxFLEX software program.
(Measurements were implemented at the Private Deren Laboratory.)