

AESTHETICS | ORTHOBIOLOGICS | THERAPEUTICS

PRODUCTS

2024





UROLOGY

PAIN MANAGEMENT

WOUND CARE



PLASTIC SURGERY

SPORTS MEDICINE

GYNECOLOGY





OPHTHALMOLOGY

MEDICAL AESTHETICS

ORTHOPEDICS

DENTISTRY



TRICHOLOGY



2 Million+ Treatments

T-LAB PRP KIT



PROVEN CHOICE

T-LAB PRP KIT has been developed for you to get the high dose of PRP and the best results in your applications/treatments. T-LAB PRP tubes are specifically designed to obtain PRP and manufactured as medical device with high quality standards. It is certified as a PRP Kit with a CE Class IIb certification. It only requires a single centrifuge process and minimizes the risk of contamination with its closed system.

PROVEN EXPERTISE

As T-LAB, we know so well that time is valuable for healthcare professional. All the necessary components in the process of obtaining PRP are within the reach of one single package. With the extensive knowledge of thousands of our physicians, hundreds of treatment experiences, we offer you the T-LAB PRP Kit, A product of our Research & Development, with its components in orchestra harmony.

PROVEN PERFORMANCE

T-LAB PRP Kit offers the perfect combination of the highest platelet recovery rate, the best platelet dose and actual purity with its advanced protocols, all compatible components and tubes specially developed to obtain PRP.

82.6%

Platelet Recovery Rate

4.4 Billion

Platelet Dose

95,16%

Purity

*Impartial DEPA Results from IMCAS 2023



Handwritten text on a white box: *Handwritten text, possibly a patient name and date, and a barcode.*

Orange box with the text: **t.lab**

White box with the text: **t.lab PRP KIT**

Blister pack containing three vials and two syringes.

Syringe with a green cap and a vial.

Three vials with orange and blue caps.

White box with the text: **t.lab PRP KIT** and *Original*

Syringe and vial components.

*Specially designed PRP TUBES for
the highest recovery of platelets*

T-LAB PRP TUBES

INJECTABLE

Contrary to many other products, T-LAB PRP TUBES are not blood storage tubes or blood decomposition kits. T-LAB PRP Tubes are produced as medical device with high quality standards and they are specially designed to obtain PRP (Platelet Rich Plasma).

INCLUDES ANTICOAGULANT

T-LAB PRP TUBES comes with the advantage of sodium citrate as an anticoagulant. Sodium citrate in the PRP Tubes will prevent a wrong anticoagulant usage that could harm the platelets.

NO GEL

RBCs are larger molecular structures than the platelets and during the centrifuge movement of the cells, the Red Blood

T-LAB PRP Tube has a 10ml volume, vacuumed, includes 1ml of anticoagulant. The interior of the tube is Gamma Sterilized. T-LAB PRP Tubes do not consist Ficoll or Gel. They are non-hemolytic.

Cells pull the platelets under the gel. Also, there is a risk that the gel may turn out to be allergen. In some instances, there may be some risks of collecting the gel inside the tubes and reinject it to the patients. Due to these risks, T-LAB PRP Tubes do not include gel.

EFFICIENT

T-LAB PRP Tubes are produced with micro-polishing technology which prevents platelets from sticking to the tube walls, therefore it provides an optimal recovery rate. What's more, the tubes support Amber and Pure PRP protocols, offer the user a choice to administer an optimal Platelet Rich Plasma preparation based on the treatment.



83.4%

T-LAB PRP TUBES DEPA RESULT

Pure PRP Platelet Recovery Rate

T Biotechnology R&D Laboratory
J. Magalon et al. DEPA Classification: a proposal for standardizing PRP use and a retrospective application of available devices. BMJ Open Sport Exerc Med 2016;2.

For Anticoagulant-free
I-PRF and A-PRF

T-LAB PRX TUBES

Impeccable and Smooth Inner Surface

A flawless Micro-polishing technology and a smooth inner surface of the tube prevent platelet aggregation, allows the user to obtain a completely anticoagulant-free I-PRF.

Discover PURE A-PRF

T-LAB Clean A-PRF method eliminates the need to mix or cut with the RBC layers during the PRF formation. It is so easy to get a clean fibrin tissue in just 16 minutes with 2 PRX tubes and a double spinned centrifuge.



PRX = PRP + PRF

T-LAB PRX Tube offers you an Injectable PRF without using any form of chemical activator. The Inner wall structure of the PRX tube provides excellent smoothness because of its micro-polishing technology. Its fluent structure prevents platelet aggregation and allows you to get I-PRF without using any anticoagulants. Last but not least, It can be in an injectable state for 30 minutes. Also, provides you an innovative protocol for Clean A-PRF.

T-LAB PRP SYRINGE

- Master Of Convenience
- Smart Choice
- Flexible Solution

Way ahead of other usual PRP products. Looks like a 10ml syringe, but can easily be converted into a tube in two movements. It is so practical use that any other products that you had used and thought easy before, can't compete with it. It gives you time and freedom of choice. Furthermore, It is an expert in all known PRP protocols, including I-PRF and A-PRF. It is "Made in T-LAB Quality" and CE Class IIb certified.

FIRST IT'S A SYRINGE...

It is instantly ready to withdraw blood with the help of a needle or a butterfly set.

THEN A TUBE...

Close the lid, remove the plunger. It is now a tube ready to be centrifuged and compatible with all centrifuges.

THEN AGAIN A SYRINGE!

That easy to transfer your PRP to another syringe.



Mechanical Cell Isolation with Microlyzer Superior Blade Technology

MICROLYZER

2400µm | 1200µm | 600µm | 150µm | 41µm

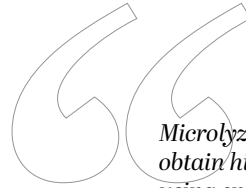
Superior Microlyzer Technology

The Microlyzer device has been specifically designed for superior performance. Microlyzer is aimed to provide permanent solutions, customized for targeted the tissue with its different sizes. It provides maximum cell isolation by touching every piece of the tissue with its Honeycomb shaped blade patterns.

Microlyzer blades provide a superior advantage compared to the filters found in other systems. It gives the best results in its field with its high performance and ease of use.



Real SVF Cell isolation,
Real regenerative treatment



Microlyzer SVF Kit offers you the perfect system to obtain high mesenchymal stem cell counts without using enzymes. Additionally, it is much faster and cost effective than enzymatic systems. Discover regenerative treatments with T-LAB now.

Microlyzer.

SVF KIT

CELL ISOLATION

Our method completely isolates SVF cells from the adipose tissue.

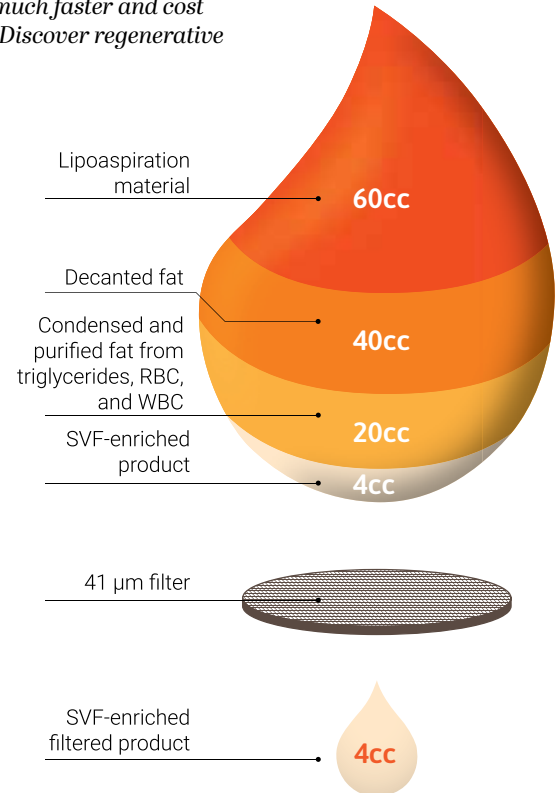
While our final product is rich in highly viable nucleated cells, it completely excludes fibrotic tissue, fat cell, and Triglyceride. Passing the final product through 41-Micron filter, T-LAB offers you a safe and sound injection.

REGENERATIVE EFFECT

Concentrated stem cells separated from tissue and can multiply rapidly in the body in natural nutrient environment and transform into different cells. It offers you a real regenerative treatment, differently to fat grafting.

COUNTABLE CELLS

After processing the adipose tissue through the Microlyzer SVF, you will be able to see the SVF pellet with your own eyes on any microscope, even detect, count and easily measure the viability of nucleated / non-nucleated cells with a fluorescent microscope.



Microlyzer
SVF Kit
Non-Enzymatic
SVF Isolation

Advanced
Solution
for Mechanical
Stromal
Vascular
Fraction



More Concentrated
More Perpetual

● Macrofata ● Microfata ● Nanofata

Micrölyzer. FAT GRAFTING KIT



FAT HARVESTING PROCESS

Micrölyzer Fat Grafting Kit offers a broad-spectrum of essential devices for the harvesting and processing of the adipose tissue.

The Lipoaspiration cannula allows for a quick and safe lipoaspiration without causing any harm to the donor site, the lipoaspirate is then decanted and purified with the help of a centrifuge machine & sterilized godets and special convertible to tube syringes. Later on, processed with special Micrölyzer Fat Processors and will be made ready for injection after a series of fast and effective filtering.

ENHANCED FAT GRAFTING

The advanced processing technique that the Micrölyzers offer mean that the fat grafting is enhanced with great concentration of stromal vascular fraction cells consequently increasing the fat retention.

Owing to Micrölyzer's capacity to optimize the yield of viable stromal vascular fraction cells and adipose stem cells, the obtention of a rich enhanced fat grafting is being made possible.

RECONSTRUCTIVE THERAPY AND AUGMENTATION

Fat grafting is a complete non-invasive

autologous therapy that is used in different areas such as the treatment of volume and contour abnormalities in aesthetic and reconstructive surgery.

Micrölyzer Fat Grafting Kit is designed to preserve the viability of the adipose tissue depending on the surgeon's type of surgery and brings in the years of research and development embodying the idea of an advanced rich fat grafting.

- Macrofata in areas requiring intense and high volume
- Microfata in correcting for fine wrinkles and facial rejuvenation
- Nanofata for advanced rejuvenation

More Perpetual
Faster

● Macrofats ● Microfats ● Nanofats

Lipomine. KIT

Use the power in you

Lipomine Kit is used in many specialties and it is fast, easy that offers the highest regenerative effect.

Due to the Microlyzer's capacity to optimize the efficiency of living stromal vascular fraction and adipose stem cells, obtaining a rich advanced fat graft is possible.

USE IN A CLINICAL SETTING

All the materials that you need, from fat harvesting cannula to the locked syringe and sterile drape are available in your Lipomine kit.

REGENERATIVE EFFECT

With Microlyzer's superior blade technology, it slits the tissue at the micron level and maximizes the release of SVF cells to the tissue.



*Micrograft Technology is
More Effective and Faster Now*

Dermomine. MICROGRAFT

- ✓ Microlyzer Blade Technology
- ✓ High Cell Count and Viability
- ✓ No Device Required System

Not having a need for any device, a system that you can perform only by using the Dermomine Regenerative Kit.

Grafts taken from the donor area behind the ear are mixed and shaken in saline or PRP and processed with Microlyzer, after a series of fast and effective filtration are ready for injection.

Microlyzer 600µm

Attributable to thousands of specially designed blades in it, the tissue pieces are processed with the blades and freed the cells in the micro-surrounding area, thus maximizing the number of cells and their vitality.

Microlyzer 150µm

Together with the cell suspension, unwanted fibrotic tissues are broken and become injectable. To prevent this situation and ensure safe injection, the tissue suspension is passed through Microlyzer 150µm once and unwanted tissues are filtered out.



Youth, Hidden Within Your Cells
Autologous System

EXOMINE. REGENERATIVE KIT



Exomine Kit facilitates the release of billions of vesicles by stressing platelets and a minimal amount of other blood cells within PRP. Simultaneously, through its special protocol and devices, it activates platelets, providing a plasma rich in platelet-derived exosomes.

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 a very small amount of other blood cells in the pellet.

Microlyzer 600µm

Microlyzer 600µm, with its specially designed blades and structure, induces stress on blood cells, leading to the release of billions of vesicles. It also plays a crucial role in the activation of platelet cells.

25.0 x 10⁹ Particle/mL
Average Size: 116.6 nm

NANOSIGHT NS300 NTA RESULTS
(Measurements conducted at Yeditepe University
Biocidal and R&D Laboratories.)



**600µm
Special Design**

**Advanced
PRX Tube**

Safe Injcton

Permanent Solution

Microlyzer. BMAC KIT

Bone Marrow Aspirate Concentrate



Microlyzer BMAC Kit offers all the necessary system ready from bone marrow aspiration to injection, with its proven protocol, it provides an effective treatment by maximizing the efficiency.



Microlyzer 600µm

Megakaryocyte cells in the bone marrow, outside the body, are activated very quickly. During bone marrow aspiration, megakaryocytes form fibrin tissue around the cells, making it impossible to isolate the cells. Microlyzer 600µm breaks down these fibrin tissue and frees the cells.



Microlyzer 150µm

Due to the damage to the bone tissue during bone marrow aspiration, micron-sized bone fractures are spread around. Bone dusts can be mixed into the collected cell group. This causes complaints such as pain in the injection area. In order to ensure safe injection, the final product is passed through Microlyzer 150µm once and unwanted bone dusts are filtered out.



*Gentle Touch Physicians
Have a Secret*

T-LAB FINE MICRO SYRINGE: Precision in Action



Enhanced Comfort in Injections

T-LAB Fine Micro Syringe provides superior dose control with a volume of 0.5 mL and minimizes the risk of overdose injection. With the 31Gx8 mm thin needle it minimizes the effects of bleeding, bruising, and swelling while maximizing patient comfort. Moreover, with the dose-saving feature, it protects every drop of valuable products such as botulinum toxin and mesotherapy. This product, offered in individual sterile packages, is designed for specialized applications far beyond similar insulin injectors.



Enhanced Patient Comfort

With a needle size of 32G x 8mm, it demonstrates remarkable superiority over conventional insulin injectors.

Delicate Control

With an outer diameter 30% thinner than 30G and an inner diameter 60% wider, it minimizes the effects of bleeding and bruising.

Dose Saver

With its integrated needle design attached to its body, every drop is protected.



More sensitive to capillaries and surrounding tissues with a special tip design

T-LAB FINE CANNULA

The special tip design offers less bleeding, bruising, swelling. The large inner diameter provides an easier injection as well as a high patient comfort.

T-LAB Fine cannula is made of hard but flexible Japanese steel. Micro-polishing technology enables easier and faster injection of dermal fillers with its 60% greater inner diameter than standard cannulas.

MICRO POLISHING TECHNOLOGY

- Maximum flexibility,
- Minimal trauma,
- Best price / performance

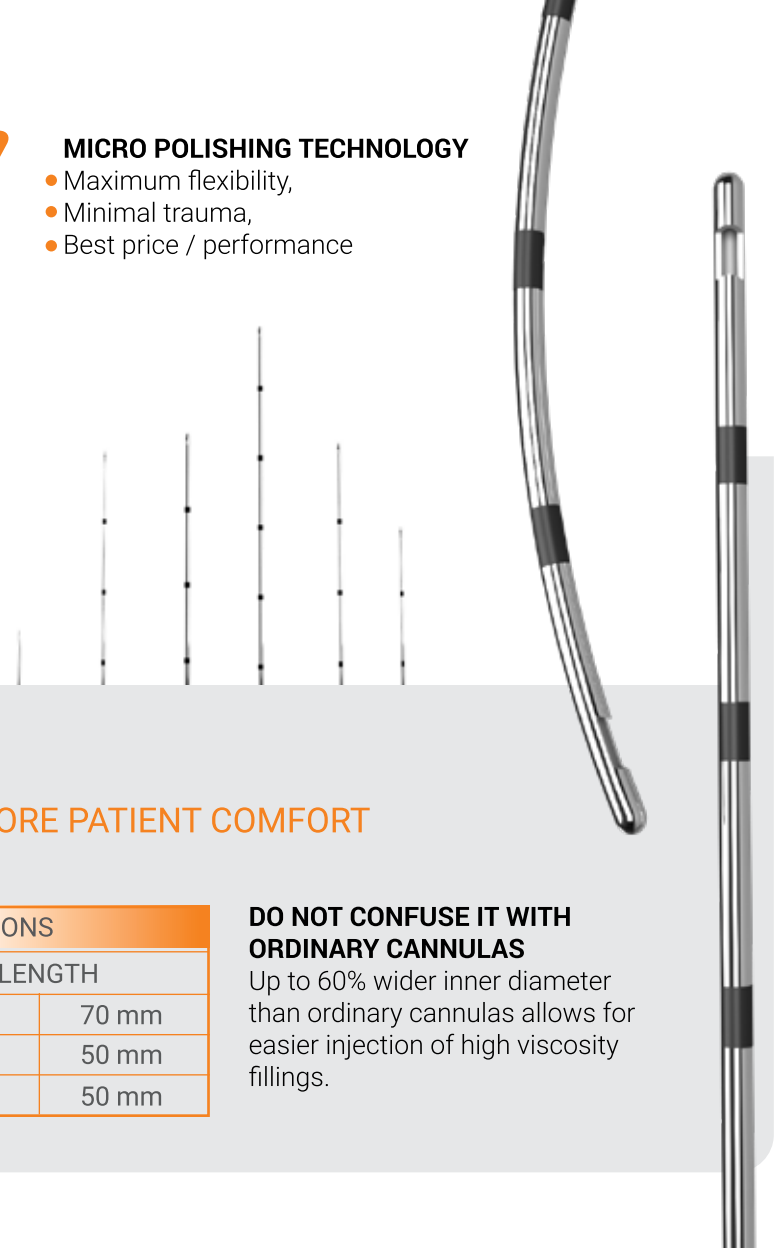
LESS TRAUMA, MORE PATIENT COMFORT

CANULA SPECIFICATIONS

GAUGE	LENGTH	
22 G	50 mm	70 mm
25 G	40 mm	50 mm
27 G	25 mm	50 mm

DO NOT CONFUSE IT WITH ORDINARY CANNULAS

Up to 60% wider inner diameter than ordinary cannulas allows for easier injection of high viscosity fillings.



Ensuring Maximum Heat Control with Intelligent Ventilation and Motor Technology, it helps preventing the blood hemolysis.

T-LAB Centrifuge S-106 NXT

PRP, PRF, SVF CENTRIFUGE

3 TIMES SMALLER 60% LIGHTER

With a structure three times smaller than traditional swing rotor centrifuges, it takes up significantly less space and is easily portable.

ENGINEERED FOR BEST RESULTS

T-LAB Centrifuge S-106 NXT is specifically designed to elevate your regenerative medicine applications such as PRP, PRF, and SVF to the highest levels. Moreover, it is more economical with a lifespan four times longer than standard centrifuges.

It maximizes procedural success with a 30-50% higher platelet recovery rate compared to fixed-rotor centrifuges.

The controlled acceleration and deceleration technology also ensure maximum stability for gel-free PRP and PRF products.

Maximum Stability

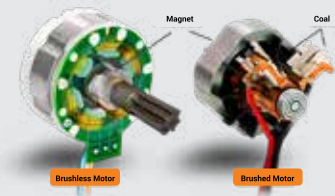
Controlled acceleration and deceleration technology ensures maximum stability for gel-free PRP, PRF, and SVF products.

Swing Rotor

With its swing rotor feature, it boasts a very high cell recovery rate.

Controlled Deceleration

Utilizing precision and efficient controlled acceleration and deceleration technology, it minimizes concentration losses that may occur during the stopping process.



More Efficient with Brushless Motor Technology



ABOUT

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.



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