



Manufactured & Marketed by:

✦ **Alchem Diagnostics**

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Redefining Standards

Experience the science of regeneration





Commitment to Quality and Excellence

Our state-of-the-art facilities include cutting-edge machinery and fully equipped R&D laboratories, complemented by meticulously maintained clean rooms that ensure product integrity at every stage of production. We offer comprehensive testing capabilities, encompassing both in-house and external validation, supported by material archives for future traceability and efficient issue resolution.

Our Expertise and Quality Standards

Our team comprises highly qualified professionals with extensive experience, adhering to internationally recognized manufacturing standards. Utilizing certified clean rooms and various sterilization techniques like Autoclave, ETO, Filter Sterilization, and Gamma. We ensure high quality and user friendly products.

ISO certified RM suppliers

Indegenous & Special Purpose machinery

Clean room facility

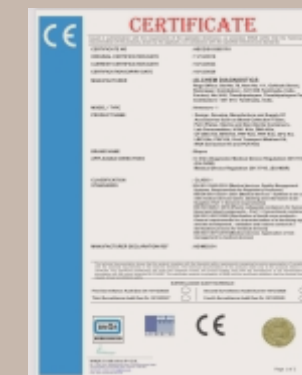
Sterility & Tracability Guaranteed

Custom Designed Products

Affordable

28

YEARS OF
EXCELLENCE



PRP

GFC

PRFM

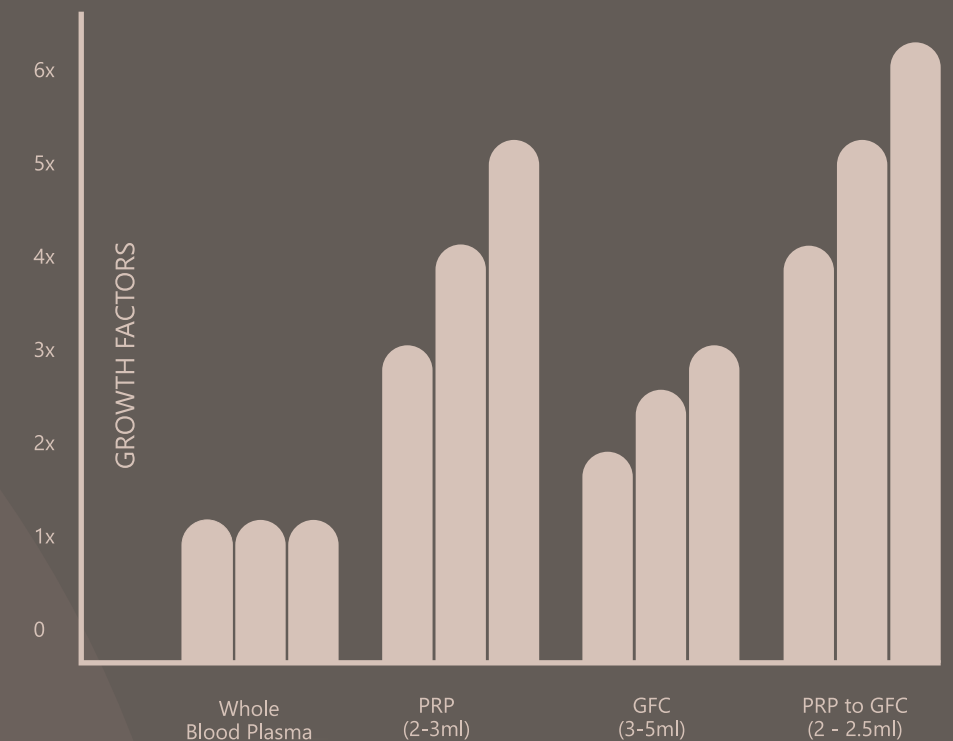
IPRF

How to access Good quality PRP and GFC



Who Should Avoid PRP Treatment

- People with infection
- Cancer Patients
- Bleeding Disorders
- Pregnancy/Lactating Mothers
- Autoimmune Disorder



BIOPRO PRP

Biopro PRP Kits are designed to cater to patients unique requirements, delivering optimal and customizable product volumes and platelet concentration with a straightforward two step protocol.

Crafted with safe pharma-grade components and utilizing two sterilization methods (Gamma and ETO) wherever applicable, these tubes adhere to international standards, ensuring reliability and safety. Despite their premium quality, they remain an affordable choice, making it accessible to a wide range of users.



SPECIFICATIONS
Prp ACD - 8ml, 8.5ml, 10ml, 20ml, 30ml
Prp ACD Gel - 8ml, 10ml
Prp ACD Gel + Biotin - 8ml, 10ml
Prp ACD Gel + HA - 10ml with 5ml

WHY BIOPRO PRP?

- 1. Wide range of SKU
- 2. Adaptable to a wide range of centrifuges
- 3. Standardized protocol, consistent results
- 4. Technical backing by inhouse RnD lab.
- 5. Safe for in-vivo use.
- 6. Available in single and 2step protocols
- 7. Customization of products based on customer needs
- 8. Gamma sterile tubes with ETO Sterile Accessories

KIT COMPONENTS

- PRP Harvest Tube
- PPP Collection Tube
- PRP/GFC Collection Tube
- Multi-sample Needle
- Balancing Tube
- Transfer Pipette
- Alcohol Swab
- Band Aid
- Multi-sample Needle Holder
- Disposable Needle (21G)
- Disposable Surgical Gloves
- Balancing Tube with Gel
- Disposable Syringe 3ml (24G)
- Disposable Syringe 1ml (31G)
- Disposable Syringe 5ml (23/24G)

Accessories vary according to the Kit



BIOPRO PRP KIT OPERATION

Blood collection



First Spin



(yield of platelet 1.3-1.8x)

Second Spin

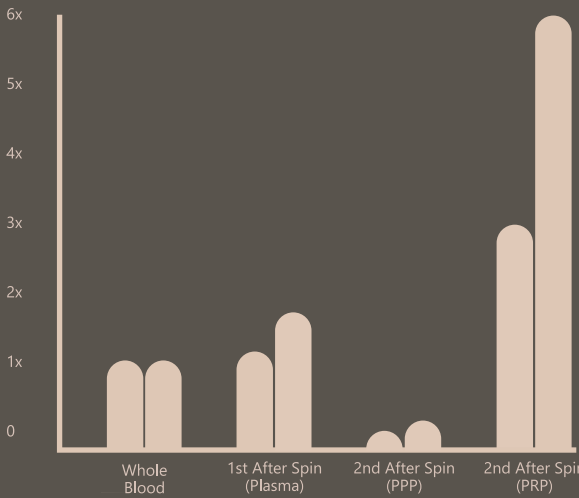


(yield of platelet 3-5x)

Procedure to be performed by/under supervision of a qualified medical practitioner

Note

A Gap of 3-4 hours to be maintained after a meal. | Fatty foods to be avoided before the procedure.
Patients with high Triglyceride levels may yield PRP with milky plasma | Hemoglobin levels above 17g/dL may yield lower plasma volume.



BIOPRO GFC

Growth Factor Concentrate (GFC) therapy is designed to harness a high concentration of Growth Factors by activating and degranulating platelets. The serum is free of WBC and Intact Platelets.

KITS

HAIR | SKIN | ORTHO



SPECIFICATIONS
5MI, 8MI, 10MI



Applications of GFC

- 1. Aesthetics and Anti-Aging
- 2. Hair Restoration
- 3. Orthopedics and Sports Medicine
- 4. Dentistry and Oral Surgery
- 5. Wound Healing and Scar Reduction
- 6. DFU (Being used along with PRFM)

For accessories refer PRP section

BIOPRO GFC KIT OPERATION

Blood collection



Centrifugation



GFC Serum



Procedure to be performed by/under supervision of a qualified medical practitioner



GFC is simple and produces consistent results, compatible with a wide range of centrifuges (swing out and fixed angle). PRP is slightly complicated compared to GFC in the preparation due to varying results based on the centrifuge and the protocols used.

Concentration of Platelet count is possible only in PRP process while GFC offers a homogenous quantity of GrowthFactors. The Absence of WBC allows a pain free experience.

PRFM

What Platelet-Rich Fibrin Matrix (PRFM) is an advanced form of platelet-rich plasma (PRP) therapy that enhances the regenerative benefits of PRP by incorporating a fibrin matrix. This structure helps hold the platelets and growth factors in place for a longer time, allowing for a more sustained release and improved tissue healing offering longer-Lasting effects, better structural support and potential for enhanced results.



SPECIFICATIONS
8MI, 10MI
5 Test Kit



KITS

HAIR | SKIN | ORTHO

BIOPRO PRFM KIT OPERATION

Blood collection



Soft Spin



Fibrin Clot



Procedure to be performed by/under supervision of a qualified medical practitioner

Applications of PRFM

- 1. Orthopedics and Sports Medicine
- 2. Cosmetology and Dermatology
- 3. Hair Restoration
- 4. Dentistry
- 5. Wound Healing and Scar Treatment
- 6. Diabetic Foot Ulcer

How PRFM Works

In PRFM, the patient's blood is drawn and processed in a similar way as PRP, but with a key difference: a small amount of thrombin is added to the blood. This addition helps create a fibrin scaffold (a matrix), which encases the platelets in a gel-like form. This fibrin matrix allows for a slower release of growth factors, giving them more time to work on the tissues and enhancing the healing process.



BIOPRO IPRF

IPRF combines the regenerative potential of platelet-rich plasma (PRP) with a natural fibrin matrix in a liquid form, allowing it to be injected more easily. Unlike PRP, which is typically in a more fluid form, iPRF forms a gel-like matrix upon injection, which can lead to sustained release of growth factors over time. High Concentration of Growth Factors and a natural fibrin network without the use of any additives.



SPECIFICATIONS
8ML, 10ML

Applications of IPRF

- Aesthetics and Skin Rejuvenation
- Hair Restoration
- Dentistry
- Orthopedics
- Wound Healing and Scarring



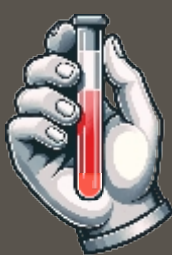
KITS

HAIR | SKIN | ORTHO



BIOPRO IPRF KIT OPERATION

Blood collection



Soft Spin



Injected before Cloting



Procedure to be performed by/under supervision of a qualified medical practitioner

Orthopedics

Osteoarthritis
Tendinopathies like tennis elbow
Chronic low back pain
Achilles tendonitis and Sciatica
Joint pain (e.g., knee, shoulder, hip)
Sports Injury

Dentistry

Oral and Maxillofacial Surgery
Bone Grafting and Ridge Augmentation
Dental Implantology
Periodontal Therapy
Sinus Lift Procedures
Wound Healing and Pain Management

Rheumatology

Osteoarthritis
Rheumatoid Arthritis

IVF

Improving Endometrial Thickness



SPECIALITIES

Andrology

Erectile Dysfunction (ED)

Trichology

Androgenic Alopecia
Telogen Effluvium and Alopecia Areata
Improving Hair Density and Thickness

Wound Healing

Venous Ulcer
Diabetic Ulcer
Bedsore

Dermatology

Facial Rejuvenation
Scar and Stretch Marks
Under-Eye Circles
Anti-Aging



biopro