



AbsolutePRP[®] Gold and PurePRP[®]

FDA Cleared Platelet-Rich Plasma Kits
Clinical grade PRP, backed by science



Platelet Rich Plasma (PRP) consists of a concentrated solution of platelets (PLTs), growth factors, signaling molecules, and plasma proteins that play vital roles in orchestrating healing responses and tissue regeneration.

HOW DOES PRP WORK?

The body's natural reaction to an injury is to send platelets from the blood to the damaged tissues to initiate healing. Platelets store a vast array of growth factors which are released at the site of injury through cell signaling.

To produce a concentration of platelets - Platelet Rich Plasma (PRP) - the patient's blood is drawn and then centrifuged. The PRP is injected directly into the injured area, stimulating the same healing response in a much more potent form. PRP treatments use a patient's own concentrated platelets and growth factors to stimulate and enhance the body's healing response to treat acute injury, inflammation as well as discoloration and signs of aging.



	AbsolutePRP	PurePRP
Hematocrit	• Less than 1%	• Less than 1%
Platelet/Growth Factor Concentration x Baseline	• 2-4x baseline	• 5-28x baseline
Dose	• 3-4 billion platelets	• 5 billion platelets
Inflammatory RBC and Granulocyte Reduction	• 99% removed	• 99% removed
Process Time	• 1.5min	• 1min first spin + 5min second spin
PRP Volume	• 7-11mL (hematocrit dependent, 20mL Kit)	• 4-8mL (30mL Kit)

BENEFITS

Flexibility

- Variety of kit sizes (20mL, 30mL, 60mL, 120mL)
- Variety of kit protocols (NP*/NR**/No Burn)
- Variety of tissue with centrifuge system (blood/fat/bone marrow)

Safe

- No gel
- Closed system
- No needle aspiration

Cost-Effective

- Short spin times
- No vacuum loss
- Best PLT dose on the market

*NP = Neutrophil-Poor
** NR = Neutrophil-Rich




COMPETITIVE ADVANTAGE

1. Future-proof Regenerative Medicine platform with one centrifuge that can create different doses of PRP, Adipose Grafts and Bone Marrow Concentrates (BMC) (all FDA cleared 510k kits).
2. Made in the USA; reputable manufacturer with no back order history or adverse event reports.
3. No need to double and triple up on kits to create larger PRP volumes, dose and concentration.
4. Industry-leading baseline increases in platelet concentration compared to whole blood; this is documented by third party independent lab testing.
5. No gel / no vacuum loss

PERFORMANCE INFORMATION

DEPA Classification

	 PLYMOUTH MEDICAL					
	Magellan	Selphyl	Eclipse	Gold EmCyte	Pure EmCyte	Regenlab
Dose	B	C	C	B	A	C
Efficiency	B	B	C	B	A	B
Purity	C	A	A	A	A	A

Dose of injected platelets (billions)

A	>5	Very high dose
B	3-5	High dose
C	1-3	Medium dose
D	<1	Low dose

Efficiency of the process (platelet recovery rate %)

A	>90	High
B	70-90	Medium
C	30-70	Low
D	<30	Poor

Purity of the PRP (relative composition in platelets %)

A	>90	Very Pure PRP
B	70-90	Pure PRP
C	30-70	Heterogeneous PRP
D	<30	Whole Blood PRP

Courtesy of Dr Jeremy Magalon,
La Conception University Hospital,
Hematology and Vascular Biology
Department, Cell Therapy Unit,
Marseille, France (2017)

PUBLICATIONS

¹ Everts, PA, Pinto, PC, Girão, L. Autologous pure platelet rich plasma injections for facial skin rejuvenation: Biometric instrumental evaluations and patient reported outcomes to support anti-aging effects. *J Cosmet Dermatol.* 2019; 18: 985-995

² Alves, R. and Grimalt, R., Randomized Placebo-Controlled, Double-Blind, Half-Head Study to Assess the Efficacy of Platelet-Rich Plasma on the Treatment of Androgenetic Alopecia, *Dermatol Surg.* 2016 Apr;42(4):491-7

Regulatory: BK 050055

FDA Clearance 510 (k) Class II Medical Device, which is designed to be used for the safe and rapid preparation of autologous platelet rich plasma (PRP) from a small sample of blood at the patients point of care.

TEL - 888.392.5076
FAX - 888.392.1455
WEB - PLYMOUTHMEDICAL.COM

PLYMOUTH MEDICAL
135 PLYMOUTH ST, SUITE 410
BROOKLYN, NY 11201