



High Concentration Made Simple



THE MOST TRUSTED
PRP TECHNOLOGY

WHY TROPOCELLS® PRP

Tropocells PRP takes the complexity out of the platelet-rich plasma (PRP) preparation process. It delivers a highly purified platelet concentrate that preserves platelets and removes nearly all erythrocytes and neutrophils that promote inflammation.¹



High Concentration

80% (+/- 9%) Platelet Yield + customizable concentrations up to 4.5x*



Safe & Autologous

FDA Cleared 510(k) Class II Medical Device (BK110035) Non-Pyrogenic - Sterile - Closed System



Monocyte Solution

86.2% of white blood cells in PRP preparation are monocytes



Simple, Quick, & Predictable

Small blood draw, easy to use, reproducible collection process



Low Inflammation

Eliminates nearly 100% of red blood cells and 95% of white blood cells



Comfortable

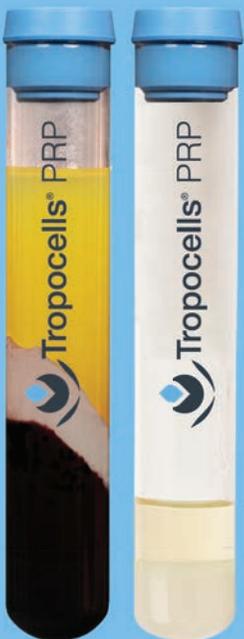
Proprietary MNC7 anti-coagulant produces physiologic pH, which reduces irritation²

¹ Simon M. Chatfield, Nathalie Thieblemont, and Véronique Witko-Sarsat. Expanding Neutrophil Horizons: New Concepts in Inflammation. *J Innate Immun.* 2018; PMID: 30257246 PMCID: PMC6785650 DOI: 10.1159/000493101

² Ehrhardt Proksch. pH in nature, humans and skin. *J. Dermatol.* 2018 Sep; PMID: 29863755 DOI: 10.1111/1346-8138.14489

*Verified in two published peer reviewed studies. 4.5x achieved by removing PPP prior to collecting PRP. Please contact Transcend Biologics representative for copies of these studies.

FEATURES & BENEFITS



Vacuum sealed, internally coated glass tube designed to:

- Prevent platelets from “sticking” to tube walls
- Precisely draw blood at a pressure that prevents lysing of the cells

Proprietary anti-coagulant (MNC7) modified to:

- Reduce acidity while preventing coagulation of platelets
- Deliver non-activated platelets physically positioned on top of gel

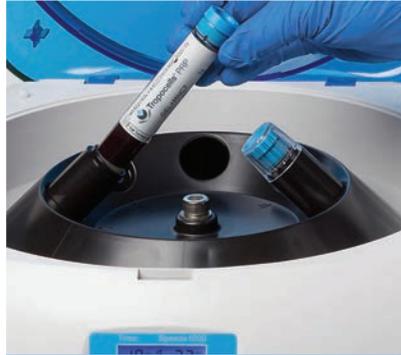
Separator gel designed to:

- Spare up to 80% (+/-9%) of platelets
- Remove 99.9% of RBC
- Remove 95% of granulocytes

PRP MADE SIMPLE WITH TRANSCEND BIOLOGICS AXIS CENTRIFUGE



Step 1: Draw Blood



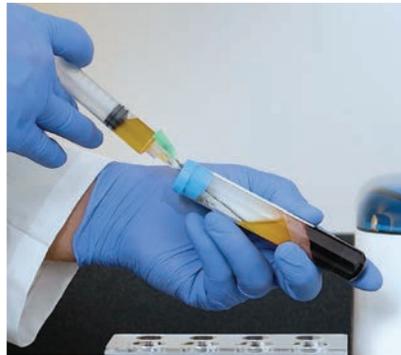
Step 2: Spin Tube



Step 3 (Optional): Remove PPP



Step 4: Re-suspend Platelets



Step 5: Collect



Step 6: Apply

4 FACTS EVERY PRP PROVIDER SHOULD KNOW

1. Platelets release growth factors¹
2. Cytokines can cause tissue damage²
3. Neutrophils inhibit healing and growth practice³
4. Monocytes enhance healing⁴

¹ Eizaburo Kobayashi, Laura Flückiger, Masako Fujioka-Kobayashi, Kosaku Sawada, Anton Sculean, Benoit Schaller, Richard J Miron. Comparative release of growth factors from PRP, PRF, and advanced-PRF. *Clin Oral Investig.* 2016 Dec; PMID: 26809431 DOI: 10.1007/s00784-016-1719-1

² A Ferrante, I C Kowanko, E J Bates. Mechanisms of host tissue damage by cytokine-activated neutrophils. *Immunol Ser.* 1992; PMID: 1504146

³ Erminia Mariani, and Lia Pulsatelli. Platelet Concentrates in Musculoskeletal Medicine. *Int J Mol Sci.* 2020 Feb; DOI: 10.3390/ijms21041328

⁴ José Fábio Lana, Stephany Cares Huber, Joseph Purita, Claudia H. Tambeli, Gabriel Silva Santos, Christian Paulus, and Joyce M. Annichino-Bizzacchi. Leukocyte-rich PRP versus leukocyte-poor PRP - The role of monocyte/macrophage function in the healing cascade. *J Clin Orthop Trauma.* 2019 Oct; PMID: 31700202 PMID: PMC6823808 DOI: 10.1016/j.jcot.2019.05.008





Optimal PRP Formula

OVER 800,000 PATIENT CASES WORLDWIDE SINCE 2013

Brought to you by Transcend Biologics with over 28 years of PRP experience.



Tropocells PRP 22mL

Platelets concentration	4.5x
RBC (10 ⁶ /ul)	0.0
WBC (10 ⁶ /ul)	0.2
Granulocytes %	8.5
Mononuclear cells %	86.2
PDGF (pg/ml)	2048
VEGF (pg/ml)	220



Call 1.800.759.6876

Regulatory status: FDA cleared 510(k) Class II medical device. Tropocells® PRP is intended for the safe and rapid preparation of autologous platelet-rich plasma (PRP) from a small sample of blood at the patient point of care. The PRP is mixed with autograft or allograft bone prior to application to a bony defect for improving handling characteristics. 510(k) number: BK110035