

# Tropocells PRP

## *Technology That Has Not Existed Until Now*

PRP Therapy is a treatment that induces a healing response into the injured area. Tropocells efficiently offers a high concentration of platelets and a high quality formula using a relatively lower volume of blood.

The Tropocells process is easy, safe and a clinically effective more efficient system.

Tropocells discards catabolic stimuli (most neutrophils and all RBCs) while preserving anabolic stimuli (monocytes and lymphocytes) delivering a highly purified platelet concentration to optimize the natural healing process.

Red Blood Cells inhibit platelet function and inhibit every step of the healing process. **This is a new yet proven approach!**

The Tropocells collection tube is treated with a proprietary procedure to minimize the risk of platelets binding to the inner glass surface.

Tropocells PRP contains a coagulant (a modified version of ACD-A) that is buffered to a physiologic pH (of 7.4) to minimize the pH influence on the PRP and to promote the natural release of Growth Factors.

Tropocells PRP is technically leukocyte poor (lower than normal neutrophil count), but also contains the benefits of leukocyte-rich (higher than normal monocyte and lymphocyte count) PRP. **It is the only system to commercially offer monocyte-rich/neutrophil-poor PRP.**

LP-PRP is better than LR-PRP in joints because RBCs and neutrophils are toxic to cartilage cells.

LR-PRP is better than LP-PRP in tendons and bone because mononuclear cells (monocytes and lymphocytes) stimulate the Growth Factors responsible for tendon and bone proliferation.

Tropocells provides the benefits of both leukocyte poor and leukocyte rich PRP for the ideal treatment of all tissue types with one system. Your patients will experience less pain at the injection site as well as less post-injection inflammation/flare-up.

- **Kit Includes All Necessary Materials**
- **Treated Collection Tube**
- **10 Minute Single Spin**
- **No Red Blood Cell Contamination**
- **Tremendous Support from our Physicians and a Very Thoughtful, Conscientious and Dedicated Consultant**

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