



## RECOMMENDED ezGEL PROTOCOLS

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**This Protocol should yield around 1.5cc of PRF + 2.5cc of heated albumin.**

Preparation time = 17 to 20 minutes

### DEVICES' SET-UP:

- Plug and turn on the **EZMINISPIN** centrifuge, making sure it is placed on flat surface (cf. **EZMINISPIN** user guide for detailed instructions).
- On the **EZCOOL** device, take the metal cup and fill it to the top with water then turn the device on. The water inside the cup will start cooling (cf. **EZCOOL** user guide for detailed instructions).
- Plug and pre-heat the **EZHEAT** device to 75° (cf. **EZHEAT** user guide for detailed instructions).
- Start opening the **EZGEL** kit which includes all components needed for this preparation (cf. **EZGEL** kit description for details).
- An extra counterweight tube tray is also provided; to be used for centrifugation when spinning only one tube, filled with water, and placed opposite side.

### STEP 1: BLOOD DRAW

- Perform venipuncture and proceed to draw patient's blood into both the **blue** and **orange** 13ml tubes.
- Place the **blue tube** in the **EZCOOL** cup to prevent coagulation.

### STEP 2: PREPARATION OF THE SELF-ASSEMBLED ALBUMIN

- Place the **orange tube** in the centrifuge together with its counterweight on the opposite side.
- Spin at selected program: **2600 rpms for 7 min (G-force = 315)**.
- Once the spin cycle is complete, take the **orange tube** out of the centrifuge to withdraw the **Albumin-Rich Plasma** using the provided 18G hypodermic needle and the **orange 5ml EZ heat-resistant syringe**. Plasma yield should be between **2.5cc and 3cc**.
- Remove the 18G needle, screw on the syringe cap and place syringe in the **EZHEAT** device to heat it at 75° for 10 to 14 min.

### STEP 3: PREPARATION OF THE PLATELET-RICH FIBRIN (PRF) - EZPRF

- Take the **blue tube** from the **EZCOOL** cup and place it in the centrifuge together with its counterweight tube on the opposite side.
- Spin at selected program: **1100 rpms for 5 min (G-force = 61)**.
- Once the spin cycle is complete, take the **blue tube** out of the centrifuge to withdraw our **EZPRF** using the provided 18G hypodermic needle and the **blue 5ml EZ syringe**. PRF yield should be between **1.5cc and 2cc**.
- Place the **blue 5ml EZ syringe** in the **EZCOOL**.

### STEP 4: PREPARATION OF THE EZGEL

- Once the heating cycle is complete, take the **orange 5ml EZ heat-resistant syringe** out of the **EZHEAT**.
- Let the **5ml EZ heat-resistant syringe** cool down for a few minutes until it reaches body temperature.
- Connect the **5ml EZ heat-resistant syringe** to the **blue 5ml EZ syringe** using the provided luer-lock connector.
- Push back and forth to mix content.
- Once content is fully mixed (4 to 5cc) the **EZGEL** can be transferred into the **red 1ml EZ syringes** using the same luer-lock connector.