

Restigen[®] PRP – Platelet Concentration Kit Instructions

Restigen PRP 30 mL 6 PK 10024648 | Restigen PRP 30 mL SINGLE PK 10024647
Restigen PRP 60 mL 6 PK 10024646 | Restigen PRP 60 mL SINGLE PK 10024641



1 Draw Blood



Attach 18-gauge needle to 60 mL luer lock syringe and pull up 5–8 mL of ACD-A anticoagulant into syringe. Remove needle and prime 18-gauge apheresis butterfly catheter and needle with ACD-A. Using the attached primed needle, slowly draw 52–55 mL of blood from an aseptically prepared jugular vein, at a rate of approximately 1 mL/sec, for a total of 60 mL into the syringe. Gently mix anticoagulant with blood in syringe while aspirating.

2 Transfer into Restigen Device



Unscrew cap on center top port (1) of the APS Separator device and remove/discard green packaging post. Slowly load blood into center port at a rate of approximately 1 mL/sec. When complete, remove syringe and attach tethered cap to the center top port.

3 Load Centrifuge



Push Open/Stop button on control panel. The “unlocked” indicator will illuminate. Turn latch counterclockwise to open lid. Place Restigen device into green bucket with side hubs oriented horizontally. Be sure the centrifuge is balanced with applicable counterbalance [60 mL Adjustable Counterbalance (Blue) or 60 mL Solid Counterbalance (Blue)] or a second full Restigen device. For the 30 mL device, use the purple 30 mL counterbalance.

4 Spin



Close lid by rotating the lid latch clockwise. The “latched” indicator will illuminate. Set speed to 3200 n/min and time to 15 minutes. Press Start button. Once spin is complete, press Open/Stop button. Twist latch counterclockwise to open lid.

5 Remove Platelet-Poor Plasma



Remove yellow cap on side port (2) and connect a 30 mL luer lock syringe. When removing the plasma, tilt at an angle but avoid inverting, keeping the fluid below the top blue vent. Replace yellow cap when complete.

6 Remove PRP Suspension



Remove red cap on side port (3) and connect 10 mL luer lock syringe. Withdraw 2 mL of platelet rich plasma (PRP). Leave syringe attached.

With 10 mL syringe attached, suspend PRP by shaking tube for 30 seconds without inverting.

Extract remaining PRP into the attached 10 mL syringe. This PRP will be the product used for injection.

Platelet-Poor Plasma

Red Blood Cells

Buffy Coat (Platelets and White Blood Cells) = PRP



Attention Administering Personnel

NOTE: FOR SINGLE USE AND VETERINARY USE ONLY

DESCRIPTION

The Restigen 60ml or Restigen 30ml Platelet Concentrator tube aids concentration of blood components by density through the use of a centrifuge.

The Restigen 60ml or Restigen 30ml Platelet Concentrator tube permits platelet concentrate to be rapidly prepared from a small volume of blood.

MATERIALS

All Restigen devices are made with only medical grade materials suitable for use in medical devices. All components of the Restigen kits are latex-free..

INDICATIONS FOR USE

The Restigen 60ml or Restigen 30ml Platelet Concentrator tube 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 point of care.

WARNINGS AND PRECAUTIONS

1. Always wear personal protection equipment when handling animal samples and follow local occupational health regulations.
2. Use proper safety precautions to guard against needle stick injury. Discard used needles in "sharps" containers.
3. Follow manufacturer instructions when using centrifuge.
4. Do not use sterilized device if package is opened or damaged.
5. Single use device. Do not reuse.
6. User is to be thoroughly familiar with the equipment and the treatment procedure prior to using this device.
7. Use prepared cell concentrate solution within 4 hours after drawing marrow.
8. Only a Zoetis Universal centrifuge should be used with these devices.

STERILITY

The Restigen 60ml and Restigen 30ml Platelet Concentrator tube are sterilized by exposure to a minimum dose of 25 kGy gamma irradiation. Single use only. Do not re-sterilize. Do not use after expiration date.

CAUTION: Federal law restricts these devices to sale by or on the order of a licensed veterinarian, and they must be used under the supervision of a licensed veterinarian

US 1-888-ZOETIS-1

EU (+31) 30 247 91 00

CA 1-800-461-0917

AU 1800 814 883

MX (+52) 55 52 58 37 00

Symbol Legend



Use by Date (expiration date)



Sterilized using irradiation



Batch Code



Caution



Do not reuse



Manufacturer



Consult electronic instructions for use



Date of Manufacture in United States



Number of devices

51534300

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