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and Convenient Experience*

## Equine Quick-Spin PRP Kit Instruction Manual



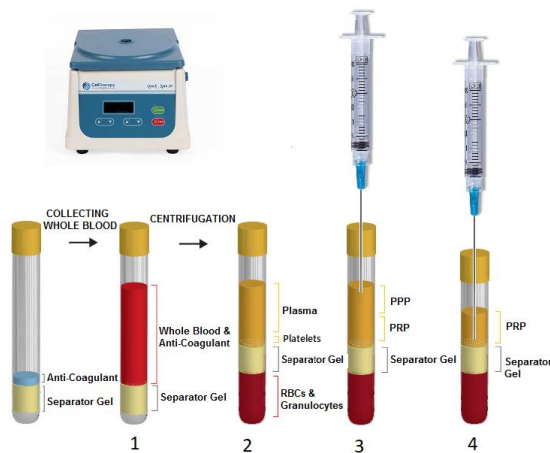
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## Every Kit Includes

- Two PRP tubes with anticoagulant
- Butterfly Needle
- 3 mL Luer lock syringe for platelet poor plasma (PPP)
- 3 mL Luer lock Syringe for platelet rich plasma (PRP)
- 18G long needle for collection of PRP



## Expected Results

The PRP collected by Quick Spin-10 PRP Kit (Table) contains:

- <0.1% RBC
- <5% WBC
- <20% granulocytes
- 2x concentration of Platelets as compared to the whole blood.

## “Prepare PRP in Less Than 30 Minutes”

Each of the following steps matches with the corresponding numbers shown in the image:

1. Using a Butterfly needle (included), collect 30 mL of whole blood in each Quick-Spin PRP-10 tube. After gentle mixing, the tubes will be placed in the Quick-Spin 10 Centrifuge. Fill a 15 ml conical tube with 10 mL of saline or water and use it as balance.
2. **Centrifuge at 3100 rpm for 20 min.** Alternatively, any centrifuge compatible with 15 mL conical tubes can be used.
3. After centrifugation, remove the upper part of the plasma in a 3 mL Luer lock syringe (included) for Platelet Poor Plasma (PPP).
4. Using the other 3 mL Luer lock syringe and the 18G long needle (included) gently mix the remaining plasma with platelets on the top of the separation gel and collect the Platelet Rich Plasma (PRP).

Canine Sample	RBC (10 <sup>6</sup> /μl)	WBC (10 <sup>3</sup> /μl)	Granulocytes (10 <sup>3</sup> /μl)	Platelets (10 <sup>3</sup> /μl)
PRP-1	0.01	0.4	944	184
PRP-2	0.01	0.1	140	216
Whole Blood	6.4	7.6	5024	92

Table. PRP produced by Quick-spin PRP Kit

## Safety Precautions

### Note:

- For single use only.
- All components of the Quick Spin-10 PRP Kit must be disposed following use, according to the provisions for handling of potentially contaminated blood products.

### Warnings:

- After use, needles and tubes must be disposed in the biohazard waste.
- Tubes and all the kit components are individually packed. Do not use the product if the packaging of the kit components has been opened or damaged.
- PRP must be obtained from fresh blood only and should be used within 4 hours.

### Storage and Expiration Date:

- Quick Spin-30 PRP Kit can be stored at room temperature (18-25°C).
- Expiration date: 2 years from the date of manufacturing.