

Genesis CS-2 PRP FAQs

- Do I send the blood to a lab?
No, all of the processing is done in your clinic.
- Do I need a centrifuge?
Yes, the Genesis CS-2 system requires a centrifuge.
- I have a centrifuge for IRAP, do I need another bucket?
No, the Genesis CS-2 system will fit as is – will need to be adjusted to 720 g's (not RPMs) for 15 minutes. Go to <http://www.vetstem.com/prp.php> for determination of RPM's for your centrifuge.
- I don't have a centrifuge that will fit the Genesis CS-2. Which centrifuge do you recommend?
The J501SQR C5 centrifuge with IRAP rotor from Jorgensen Laboratories.
- How long do I have before the PRP should be injected?
We recommend injecting the PRP within 4 hours of blood collection.
- Can I inject the PRP into an animal other than the blood donor?
No, since there are WBCs and RBCs the PRP should only be injected into the donor animal.
- What anticoagulants can I use?
Only ACD. Please do not use CPD (citrate phosphate dextrose) or heparin.
- How much does your system concentrate the platelets?
Qualification studies, performed on equine blood, demonstrated an average 5.4X increase.
- What are veterinarians treating with PRP?
The most common use is in tendon and ligament injuries. The use of PRP in the horse for cutaneous wounds and in joints has also been reported in peer-reviewed literature.
- Where in a tendon should I inject?
Ultrasound-guided injection directly into the lesion is recommended.
- How much PRP should be injected?
The volume to be injected is subjective. Inject until the lesion 'fills' on ultrasound and/or resistance is felt.
- How much PRP does your kit make?
Each Genesis CS-2 kit can produce 6 cc of PRP.
- Can the kits be reused?
No, the kits are designed for single-use only.
- Can I freeze any extra PRP?
We do not recommend freezing additional PRP, it should be discarded.
- What temperature should the PRP be kept at before I inject it?
Room temperature is recommended (refrigeration is fine, freezing is not)