

# What is PRP?

**P**

Platelets contain a variety of growth factors. Growth factors promote healing.

**R**

PRP is a concentration (richness) of autologous platelets in a small volume of plasma.

**P**

Plasma is blood after the red cells are removed.

## USES

Help healing of most soft tissues (dermis, tendons etc) and help reduce pain associated with degenerative joint disease.

## GETTING STARTED

1. VetStem GenesisCS-2 PRP kit
2. Centrifuge

## SHELF LIFE

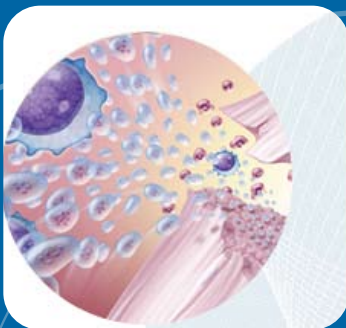
Six months or more.

## HOW DOES IT WORK?

When the platelets are injected into the lesion, they are activated by exposure of the damaged tissue. The platelets release their granular contents which include such anabolic growth factors as platelet-derived growth factor (PDGF), transforming growth factor- $\beta$  (TGF- $\beta$ ) and vascular endothelial growth factor (VEGF). These growth factors stimulate progenitor cells to migrate to the wound, and help with wound fibroblast expansion and wound matrix production.



## GenesisCS-2 Component Concentrating System



- Competitively priced
- ACD anticoagulant included
- Qualified with equine blood- 5.4X concentration; 3-6 mLs of PRP
- Closed system minimizing risks of contamination
- Complete in 30 minutes or less
- Use alone or alongside other treatments such as stem cell therapy

## GenesisCS-2 PRP Kit