



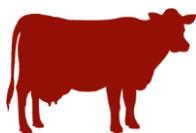
Lodi Veterinary Care™  
LIVESTOCK



Lodi Veterinary Care

## BOVINE PLASMA TRANSFUSIONS

Plasma transfusions can help your sick or vulnerable calves recover more quickly and stay healthy. With blood collected from Lodi Veterinary Care's own herd of donor cows, the process is affordable, safe, and effective.



Collected and stored from Lodi Veterinary Care's own herd



Same IgG antibodies found in maternal colostrum provide strong immunity



Quality product and reasonable cost

**Every case is unique.** You and your veterinarian can discuss the value of this treatment on a case-by-case basis.

# FREQUENTLY ASKED QUESTIONS

## What is plasma?

Plasma is the portion of blood that remains after the red and white blood cells have been removed. It is a straw colored liquid that is rich in electrolytes, IgG antibodies, and other proteins.

## Where does the plasma come from?

We harvest and store plasma from Lodi Veterinary Care's own herd of donor cows. This allows us to ensure the quality of the product and provide it to our clients at a reasonable price. Because the plasma comes from local cows that are frequently vaccinated, it contains high levels of IgG antibodies to the diseases that we see most frequently in this area.

## How it works



## How is plasma used?

IV plasma transfusions are used to provide immunity to calves that are sick or vulnerable to becoming sick. The IgG antibodies in plasma are the same as those found in maternal colostrum, and comprise the primary immune defense in young animals. The electrolytes and proteins in plasma are also valuable for animals who have had blood loss or severe scours.

## What are the benefits of plasma?

- Immediate immunity that lasts up to 6 months
- Helps prevent and treat disease
- Decreased recovery time and increased likelihood to remain healthy
- Replenish electrolytes and proteins to animals with severe blood loss

## When should a calf receive a plasma transfusion?

- Calves 1-10 days of age with a total protein level lower than 5.2 g/dL
- Any calves with a severe case of scours, pneumonia, or other infectious disease
- Calves vulnerable to becoming sick
- Animals with severe blood loss

## Contact us

Call, email or visit our website to speak with a veterinarian about how this could help your animals.