

PLASMA: THE LIVE-SAVING PRODUCT

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Ames, Iowa

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What is Plasma?

Plasma is a component of blood that contains vital proteins like antibodies which **support the immune system and combat infection**. Mg Biologics collects plasma from donor horses to manufacture **antibody and antivenin products**. This provides other horses with improved immunity and a way to combat deadly snake bites!

My Top Responsibilities:

1

Calibrating and efficiently running plasmapheresis machines

2

Caring for a large herd of donor horses through nutrition, medication, and daily maintenance

3

Prepare new horses for plasma collection through training

Word of Advice!

Don't be afraid of feeling underqualified! Getting out of your comfort zone is what truly allows you to grow.



New Experiences

1. Involvement with the product development and research side of veterinary medicine!
2. Herd health and management on a larger scale

Take-Away:

I experienced a completely different side of animal health through this internship! It allowed me to gain useful knowledge about the field of medicine as well as myself!

Skills Developed

1. Clinical skills such as administering IV, IM, and Sub-Q vaccines and taking blood samples
2. Communication and team work
3. Multi-tasking and problem solving techniques when running plasmapheresis machines