

THE CHICK PAPERS

Georgia Poultry Laboratory Network's Monthly Newsletter



Helpful Hints on Blood and Serum Submissions to GPLN

By: Len Chappell

Serum or Blood quantity:

For up to 8 serological tests per sample, companies should send

- At least 0.5 ml (500 microliters) of serum.
- 1.5 ml whole blood. Do not overfill the tubes for maximum yield.

Shipping Blood:

- After blood collection, allow the blood to remain at room temperature for 3–6 h.
 - At this point, you should have separation between the serum and the blood clot.
- Never hold blood at room temperature for more than 24 h. Holding it for longer than 24 h allows for bacterial growth that can interfere with results.
- Ship the separated blood on cool packs for next day delivery.

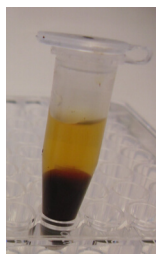


Shipping Serum:

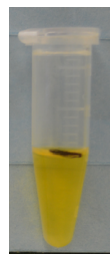
- If you pull the serum off of the blood clot, it can be held for 2 days in the refrigerator until shipped.
- Serum should be shipped next day delivery with ice packs.

Should a Company Ship Blood or Pulled Serum to GPLN?

- Sending pulled serum (without the clot) is preferred over blood.



Serum on the clot



Pulled Serum

In Summary, the general rule on sending blood is... if you estimate that GPLN should receive the sample within 48 h of collection, it is okay to send blood. Sending blood that will be over 72 h old when it arrives at GPLN can adversely affect your results.

EMPLOYEE SPOTLIGHT

20 Years of Service



**Dr. Arun
Kulkarni**



**Joann
Williamson**

15 Years of Service



**Dr. Doug
Anderson**



**Jane
Askew**



**Anita
Hamrick**



Above: Students from Jefferson High School toured the lab.

Below: Dr. Applegate and Ms. Finch toured the lab with Dr. Zavala and Mr. Kelley.



TOURS, VISITORS, ACTIVITIES, & COMMUNITY OUTREACH



Above: The Gomez Family enjoyed a tour of our lab led by Dr. Zavala.

Below: Dr. Anderson speaking on biosecurity and Coryza at the Sunbelt AG Expo in Moultrie.



Above: Len Chappell, Dr. Anderson, & Elisa Castaneda volunteered at the Perry Fair along with others in the Poultry Industry.

Below: The GPLN Halloween Party was super spooky & a whole lot of fun.



THE 2019 ANNUAL MEETING

Below: The 2nd NPIP Salmonella Workshop this year was a success! Students get the opportunity to practice the techniques taught.

