

Instructions for Drawing Blood Samples

For Blood Collection Supplies please contact us.

Whatever means of restraint is used it should cause minimal distress and should be quick and safe for both the animal and the person drawing the blood

Blood can be collected from the jugular vein in all ages of cattle and from the tail vein in older cattle. A "Red Top" Vacutainer is the preferred tube for collecting samples.

Jugular bleeding: (3 ml's needed)

- Restrain the animal with the head elevated and pulled to the right or left to expose jugular groove on either side. A halter can be used to pull the animals head to the right or left to gain better control of the head and better access to the jugular groove.
- The jugular groove is a depression in the lower 1/3rd of the neck that extends from the head to near the shoulder. Applying pressure in this groove closer to the shoulder will cause the jugular vein to fill with blood and raise above the point at which you have applied pressure, allowing visual access to the vein.
- Insert the needle through the skin and into the vessel at about a 20 degree angle with the needle pointing towards the head and withdraw the blood sample.
- Remove the needle and apply pressure to stop the bleeding.

Tail bleeding: (3 ml's needed)

- Restrain the animal to prevent it from moving away during the procedure.
- Raise the tail vertically with one hand until it is horizontal with the ground and wipe the underside of the tail to remove any manure present.
- Approximately 150 mm (6 inches) from the base of the tail locate the groove lying in the midline underside of the tail.
- Midway along the body of a tail vertebra, insert a 18-20 gauge needle (attached to a 3-12 cc

syringe) perpendicularly to the surface of the skin to a depth of a few millimeters and withdraw the blood sample.

- Alternatively, use a blood collection needle inserted as
 described above and then slide the "Red Top" Vacutainer
 on the needle and allow the suction to draw the blood into
 the tube. This method requires experience and there is
 the danger of loss of vacuum in the tube in which case a
 syringe must be used to draw the blood.
- Apply pressure to the site of the venipuncture after withdrawal of the needle, to stop the bleeding.
 Iowa State University

LINK TO VIDEO https://vimeo.com/196876572





Packaging and Shipping Blood Samples

DO

DO NOT

Rubber band samples together in a ziploc bag

Shrink wrap vial in white styrofoam containers they came in

Make sure they are secured in a box

Label with both a sequential tube number and animal ID

Throw loose vials in a box
Ship in an envelope
Apply tape of any kind to a vial
Individually wrap vial
Excessively wrap samples
Use white or blue top vial

would prefer no glass

It is preferable that blood samples be cooled to room temperature (74 degrees Fahrenheit) and allowed to clot before shipping. Do not agitate the samples and do not place them immediately into refrigeration as this may cause hemolysis (breaking of the cells) and render the sample unusable.

Tubes should be kept in their original box if possible, or wrapped in a manner that will prevent breakage – such as bubble wrap – and then placed inside a sealable bag to prevent leaks. Place inside a sturdy box and padded so that there is NO movement of the items inside. The box should then be carefully sealed with packing tape.

If directions are not followed, a \$25 processing fee will be added to compensate for the additional time spent on your tests.

PLEASE CALL US TO DISCUSS SHIPPING OPTIONS prior to collecting samples, if possible.

Address to ship samples UPS or FedEx:

965 Carl Jordan Rd, Oakland, KY 42159

We allow our clients to use our FedEx Express account to receive a reduced rate. If you are interested in doing so, please contact us BEFORE shipping. If using our pre-printed FedEx labels, please do not drop off at Walgreens or Dollar General locations.

Address to mail samples USPS:

P.O. Box 394 Smiths Grove, KY 42171

Feel free to contact us at

270-780-TEST (270-780-8378) E-mail: office@dltkylab.com



Client Billing Information

Name:
Company:
Mailing Address:
City, State Zip:
Shipping Address:
City, State, Zip:
Phone:
Fax:
Cell Number:
Second Contact:
Email:
Preferred Reporting Method: Email Fax Call
Preferred Billing Method: Email Mail
Preferred Invoice Timing At time of testing 1st and 15th of the month
Veterinarian:
Signature:

Office Use Only
Results Reported To

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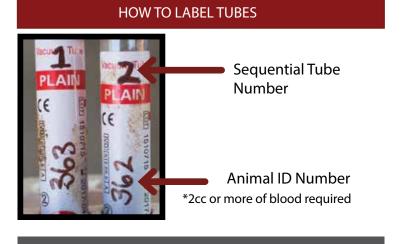
Email Text No Answer



Blood Test Submission Form

Office Use Only
Log #
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Carrier
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Name:
Company:
Address:
City, State Zip:
Phone:
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Fax:
Date Sent:
Total # Samples
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Payment Included: \$



WHEN TO SAMPLE

1st Calf Heifers - 25 DPB

Cows - 28 DPB and 73 days post-calving

Embryo Transfer - 25 days post implant or 32 days post-heat

Bison - 40 DPB Goats - 30 DPB

DPB = **Days Post Breeding**

			Check All Testing that Apply						
Tube #	Animal ID	Days Bred	Cattle Pregnancy \$3 each	Johnes (Cattle Only) \$17 for 1-11 samples or \$7 for 12+ samples	BVD Serum \$4.50 each	Bison Pregnancy \$5 each	Goat Pregnancy \$6.50 each	Sheep Pregnancy \$6.50 each	CAE/ OPP \$6 each
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