



Intended Use

This information sheet contains instructions needed to package and ship test specimens to Antel BioSystems, Inc. (AntelBio) for diagnostic testing. Test sample collection requires preparation. Please read through the entire instruction sheet before beginning the sample collection process.

Packaging Samples

- When using a courier service for shipping; guidelines and requirements for shipping biological specimens will be provided by the courier (shipping regulations 42 CFR Part 72).
- **Keep samples refrigerated until shipping. DO NOT FREEZE SAMPLES unless specifically indicated.** Never thaw and re-freeze frozen samples.
- **Packaging Instructions:**
 - o Place sample containers into a Styrofoam cooler or any container that can be tightly sealed.
 - o Pack absorbent material such as paper towel around fecal and serum samples to soak up the contents in the event of leakage.
 - o Place **frozen** ice packs over fecal, serum and tissue samples for proper cooling during shipping.
 - o **Sample Submission Form(s)** should be placed in a plastic bag that is separate from the samples and then placed into the shipping container.
 - o For AntelBio provided kits, the submission form can be placed in the fedex envelope on the outside of the package or outside the foam cooler/inside the outer box - if applicable.
 - o Seal the shipping container with packaging tape.

Shipping Samples

- Ship only on Monday or Tuesday to avoid weekend deliveries.
- If using AntelBio's shipping system, place the completed FedEx form in the zippered pouch on the outside of the shipping container (enter the date in box 1). **Please do not adhere the label to the box!**
- Call Federal Express (**1-800-463-3339**) for package pickup.
 - ***Note: Federal Express must be called ahead of time to determine pickup schedule.**
- FedEx will ask for AntelBio's account number. This number is located in **BOX 7** on the FedEx form.
- When shipping from Canada, please include the U.S. Department of Agriculture import permit with shipping documents.



Test For:	Sample Type	Collection Source	Volume Needed	Test Method:			
				ELISA	Hyper ELISA (Bulk Tank) [†]	PCR [†]	Culture
Johne's	Milk	DHI/Hand-Stripped/Bulk Tank	1mL	Fresh/Frozen/Preserved	Fresh/Frozen [†] /Preserved	-	-
			50 mL	-	-	Fresh/Frozen [†] /Preserved	-
	Serum	Tail or other suitable vein	2mL	Fresh/Frozen (serum only)	-	-	-
	Feces	Rectum	~ 3 oz or 40 grams	-	-	Fresh/Frozen [†]	Fresh/Frozen
Leukosis	Milk	DHI/Hand-Stripped/Bulk Tank	1mL	Fresh/Frozen/Preserved	Fresh/Frozen [†] /Preserved	-	-
	Serum	Tail or other suitable vein	2mL	Fresh/Frozen (serum only)	-	-	-
BVDV	Milk	DHI/Hand-Stripped	1mL	Fresh/Frozen/Preserved	-	-	-
		DHI/Hand-Stripped/Bulk Tank	0.5mL per cow - Max 250 cows/sample	-	-	Fresh/Preserved	-
	Serum	Tail or other suitable vein	2mL	Fresh/Frozen (serum only)	-	-	-
			4mL	-	-	Fresh/Frozen [†]	-
	Tissue	Ear Notch	1 cm ²	Fresh/Frozen	-	Fresh/Frozen [†]	-
Progesterone	Milk	Hand-Stripped	2mL	Frozen	-	-	-
	Serum [†]	Tail or other suitable vein	2mL	Frozen [†] (serum portion only)	-	-	-
Neospora	Serum	Tail or other suitable vein	2mL	Fresh/Frozen (serum only)	-	-	-
Contagious Mastitis	Milk	DHI/Hand-Stripped/Bulk Tank	2mL	-	-	Fresh/Frozen [†] /Preserved	-
PAG (Pregnancy)	Serum	Tail or other suitable vein	2mL	Fresh/Frozen (serum only)	-	-	-

* Thawing frozen milk samples can potentially lead to large amounts of precipitate, which may interfere with ELISA and PCR, resulting in inconclusive results. Properly frozen and stored samples can be used, but submitters should understand resampling may become necessary.

[†]Serum must be harvested as soon as possible; all samples for progesterone testing should be frozen prior to shipment.

Antel BioSystems, Inc.

4200 Forest Road Bldg A. Lansing, MI 48909

ph: 800.631.3510 fax: 517.351.5610