

KARYOTYPING FORM

Molecular Cytogenetics Laboratory

<https://vetmed.tamu.edu/molecular-cytogenetics/>

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Shipping address: Texas A&M University, Molecular Cytogenetics Lab (Raudsepp)

664 Raymond Stotzer Pkwy, VICI 126, College Station, TX 77843-4458, USA

Owner/Agent name: _____

Phone/Email: _____

Address: _____

Signature of person taking sample: _____

SPECIES:			SAMPLE DATE:		
Name of the Animal	Registration No.	Year of birth	Breed	Sex	Color
Name and clinical history of sire:					
Name and clinical history of dam:					

Reasons for karyotyping:

- 1. SAMPLES.** Large animals: 10-20 mL blood in green-top (Sodium or Lithium Heparin) AND 10-20 mL blood in purple-top tubes (EDTA). Small animals: a minimum of 1-2 mL blood in green-top and purple-top tubes.
- 2. SHIPPING.** Preferably overnight or 1-2 days mail. Please wrap the tubes in paper towels to prevent direct contact with ice bags and **avoid freezing**. Samples degraded during transit are sender's responsibility.
- 3. RESULTS.** Turn-around time for results is 10 working days. The report will be sent by email and will include a summary of observations and representative images of chromosome spreads and karyotypes.
- 4. PRICING.**
 - \$300** – basic analysis from blood of domestic animals.
 - \$600** – basic analysis for insurance agencies and private companies, **\$400** if from already fixed cells.
 - \$400** – basic analysis from blood of exotic species.
 - \$600** – basic analysis from cell cultures (other than blood) of any species. Culturing cells longer than a week will include additional charges of \$50 per week per cell line.
 - \$200** extra for molecular cytogenetic analysis by FISH (depends on species; negotiated).
 - \$10** extra if we send blood collection tubes to you.

Payment by check OR online:

CHECK # _____ **to Texas Agrilife Research-VTAN** **ONLINE #** _____

Results released after payment is received.

OWNER CONSENT: I _____ (owner/vet signature) hereby allow the Molecular Cytogenetics laboratory to isolate and archive the DNA from this animal for research purposes. Original records will stay on permanent file at the TAMU Molecular Cytogenetics Laboratory.