

KARYOTYPING FORM

Molecular Cytogenetics Laboratory

<http://vetmed.tamu.edu/labs/cytogenics-genomics>

Texas A&M University, CVM, Department of Veterinary Integrative Biosciences (VIBS)

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Shipping address:

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Owner/Agent Name: _____

Phone/Fax/Email: _____

Sample date: _____

Signature of person taking sample: _____

SPECIES: _____					
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:

EMAIL for sending RESULTS: _____

Name/Address for INVOICE: _____

1. Blood samples **MUST be collected in 2 x 5-10 mL Sodium or Lithium Heparin** vacutainers (green cap) and **2 x 10 mL EDTA** (purple cap) vacutainers.
2. Samples **MUST** be sent by overnight mail. Please wrap the tubes in paper towels and only then put them on ice to **avoid freezing**. Samples degraded during transit are sender's responsibility.
3. PLEASE DO NOT send samples out on a Friday. Normal turn-around time for results is 10 working days.

4. CHARGES:

\$300 – basic chromosome analysis from blood (chromosome number count and assessment of the sex chromosomes). For species with available karyotype standard (cattle, horse, sheep, goat, pig, dog, cat, alpaca, chicken, mouse, rat).

\$350 – basic chromosome analysis from blood for species with NO karyotype standard (exotic species).

\$600 – basic chromosome analysis from fibroblast cultures of any species. (Growing and sub-culturing cells longer than one week will include additional charges of \$50 per week per cell line).

\$600 – basic chromosome analysis for insurance agencies and private companies.

\$200 extra - for G-banding, G-banded karyotyping or FISH (depends on species; negotiated).

Additional \$10 if we send the heparin tubes to you. Your veterinarian may charge an additional fee.

Please send samples with checks payable to: Texas AgriLife Research-VTAN.

5. **RESULTS:** The sender will be supplied with representative images of metaphase chromosome spreads obtained from the sample. One copy of the results will be **emailed (preferred)**, faxed or mailed to the owner/agent.

Original records will be maintained on permanent file at the TAMU Molecular Cytogenetics Laboratory.

OWNER CONSENT: I _____ (owner/vet signature) hereby allow the cytogenetic laboratory to isolate and archive the DNA from this animal for research purposes.