

KARYOTYPING FORM

Molecular Cytogenetics Laboratory

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

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

Phone: (979) 862-2879 (office)/ (979) 458-4275 (lab); Email: traudsepp@cvm.tamu.edu

Shipping address:

Texas A&M University, CVM, VIBS, Molecular Cytogenetics Lab (VMR#314; Raudsepp),
664 Raymond Stotzer Pkwy., VIC1 126, Bldg. #1814, 4458 TAMU, College Station, TX 77843-4458, USA

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/email for INVOICE: _____

- SAMPLES.** Large animals: 5-10 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.
- 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.
- RESULTS.** Normal 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.
- CHARGES: Karyotyping.**
 - \$300** – basic chromosome analysis from blood, for species with karyotype standard (cattle, horse, sheep, goat, pig, dog, cat, alpaca, chicken, mouse, rat).
 - \$400** – basic chromosome analysis from blood for species with NO karyotype standard (exotic species).
 - \$600** – basic chromosome analysis from cell cultures (other than blood) of any species. Growing and sub-culturing cells longer than for a week will include additional charges of \$50 per week per cell line.
 - \$300-\$500** – chromosome analysis from fixed cell suspensions (depends on species, cell type; negotiated).
 - \$600** – basic chromosome analysis for insurance agencies and private companies.
 - \$200 extra** - for refined G-banded karyotyping (depends on species; negotiated).
 - \$200 extra** for molecular cytogenetic analysis by FISH (depends on species; negotiated).
 - \$10 extra** if we send blood collection tubes to you. Your veterinarian may charge an additional fee.
 - \$35 extra** in invoices to international customers to cover foreign transaction fees.
- FKBP6 Genotyping: \$100** - Test for stallion subfertility. Can be tested from blood or hair follicles.
- PAYMENT.** Please send samples with checks payable to **Texas AgriLife Research-VTAN**.

Original records will stay 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.