

# Blood Sampling (Tube)

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## How to collect blood samples using EDTA Blood Tubes.

Always wash your hands or use clean gloves.

When collecting blood, use a new needle, syringe or pin prick device for each animal. When collecting, packaging, and submitting samples for DNA testing, it is critical to eliminate cross-contamination. Rinsing needles is not enough to eliminate possible DNA residue. A new needle, syringe and pin prick device must be used for each animal to ensure sample integrity. To improve accuracy of test results, please follow these simple steps:

1. Samples should be pulled or put into EDTA purple cap tubes ONLY.
2. Mark the front of the EDTA tube with the Animal ID.
3. While standing at the rear of the animal, raise the tail for clear access to a vein at the base. Insert the needle of a syringe and draw 6-9 ml of blood from the animal.  
Once the blood is drawn, inject it into a blood tube until full. Seal the cap and invert the tube 5 – 10 times to mix the EDTA with the blood to ensure it will not clot.
4. Place the tube into a stand up rack and refrigerate. Blood should be stored between 4 – 10°C (39.2 – 50°F).
5. NEVER FREEZE BLOOD.
6. Note the Animal ID along with other animal information on the Sample Information Form so that each sample is correctly matched with each animal. Barcodes are assigned to the sample upon arrival in the lab.
7. Please ship the blood at 4 – 6°C (39.2 – 42.8°F) in an insulated container. Freezer packs should be placed in the container, but insulated from touching the tubes to prevent freezing the samples during shipment. Ship exclusively via overnight delivery to Pfizer Animal Genetics.

