

Drug Sample Protocols

Rides to be tested

Each year, the EDRA board will:

1. Determine the number of rides at which to conduct drug testing and how many riders at each ride should be tested, and
2. Appoint a Drug Coordinator to oversee the EDRA Drug Testing Process. The Drug Coordinator should be a neutral party who has no intention to ride at an EDRA ride and who does not have any equines likely to be ridden at an EDRA ride.

Two weeks before the first EDRA ride is to take place each year, the Drug Coordinator shall list the rides in numerical order and then, using a computerized random sample generator, will create a random number list. The rides with the corresponding numbers will be the rides at which testing will occur

For example, the Drug Coordinator lists all of the rides as follows:

1. Sunriver
2. Grizzly
3. Midnight Rider
4. Selkirk
5. Sand Canyon
6. Mcmillan Challenge
7. Ride the Loop
8. Scottsdale 100
9. Sand Canyon
10. Hoof it

A random sequence generator is used to create a random list of the numbers 1-10. If, for example, those numbers were 7, 2, 1, 4, 10, 9, 3, 5, 6, 8, and it has been determined by the Drug Coordinator that three rides will be tested, those rides on the original list numbered 7, 2 and 1 would be tested (Sunriver, Grizzly, Ride the Loop).

Next, the Drug Coordinator or his/her designee will create 6 random number generated lists using the numbers 1-499. Each list will be placed in a separate sealed envelope and place in the drug sampling kit. The use of these lists is set forth below

Once the list of rides to be tested is determined, the Drug Coordinator will notify the head veterinarian and the ride steward for that ride that testing will occur at that ride. The Drug Coordinator will also make arrangements for the drug testing cooler to be transported to either a ride veterinarian or the Ride steward. The cooler must be locked during transport and only the Ride Seward will have the combination/key to unlock the cooler.

Blood sampling protocols

It is the goal of these protocols to assure that all equines that are entered and start a competition are eligible to be tested. If horse/rider placings in the competition are used to determine testing, equines that are withdrawn from the competition will not be in the testing pool. It is necessary, therefore, to use the horse's entry number in randomly determining who will be tested. Consequently, Ride Managers should assign rider numbers as follows:

- Shortest Distance: 1-99
- Next Distance: 101-199
- Next Distance: 201-299
- Next Distance: 301-399
- Mettle Relay Riders: 400-499

The utmost care must be taken to avoid contamination of samples during and after collection. The RIDE VETERINARIAN (VET) and RIDE STEWARD (STEWARD) shall adhere to the following step-by-step process.

Step One (Horses to be tested)

In front of the VET, the STEWARD will unlock the cooler and select one of the envelopes containing a random number list. The STEWARD and VET will open the envelope and compare the first number in the first column to determine if a horse/rider with that same number started the event. If so, that horse should be tested as soon as it completes or is withdrawn for any reason from the competition. If no horse/rider was assigned that number, the STEWARD and VET will compare the second number in the first column to determine if a horse/rider with that same number started event. If so, that rider's horse should be tested as soon as it completes or is withdrawn for any reason from the competition. If not, the STEWARD and VET continue down the random number list until they have identified three equines to be drug tested.

NOTE: If possible this should be done after the start of all distances because a rider who is entered but does not start will not remain in the testing pool. A rider that starts but is withdrawn during the competition IS in the testing pool. Thus, if the STEWARD comes to the number of a rider who entered but did not start they will continue down the list to the next rider number.

Step Two (Horse identification)

As soon as one of the horses selected for testing withdraws from or completes the race, inform the rider that they have been selected for drug tested. Escort the horse to an area previously identified for drug testing. NOTE: drug testing should not delay any treatment deemed by the vet to be immediately necessary for the welfare of the horse. If the rider wishes to take the horse back to his/her trailer for a legitimate reason (to remove gear, etc) the STEWARD or someone designated by the STEWARD should accompany the horse.

In front of the rider and/or owner or the representative of the rider and/or owner (PR), the VET, STEWARD and PR will confirm the identity of the horse using the EDRA logbook. If a logbook is not available, the horse's identity can be confirmed using health papers or some other formal documents such an FEI passport, etc. If no documents are available, the PR shall confirm the identity of the horse. THE STEWARD, in consultation with the VET and PR, will complete the following section which records the identity of the horse.

RIDE NAME: _____
RIDE DATE: _____
RIDER NAME: _____
RIDER NUMBER: _____
HORSE OWNER: _____
HORSE NAME: _____
HORSE REGISTRATION # (IF ANY): _____
EDRA LOGBOOK #: _____
IF NO EDRA LOGBOOK, LIST ALL DOCUMENTS (if any) USED : _____

IF NO DOCUMENTS, PERSON IDENTIFYING HORSE: _____
COLOR _____
MARKINGS:
FACE: _____
LEGS _____
OTHER (include tattoos, scars, brands, etc.) _____

Step Three (Selection of blood sampling supplies – from drug testing cooler)

- A. The VET, STEWARD and PR shall put on clean gloves. Gloves must be used during the entire sampling procedure until the sample containers are sealed in a security bag and are no longer directly handled. Gloves should be changed immediately if requested by the PR and or if any chance of contamination has occurred.

Appendix D

- B. Wearing clean gloves, have the PR remove two vacutainer blood tubes, a needle holder, a needle, two matching barcode identification stickers, two evidence seals, and a plastic security bag from the blood draw supplies, placing all supplies on a clean surface.
- C. Have the PR visually inspect the equipment and verbally verify that it is sealed, unopened and in new condition. The PR may reject any equipment and reselect replacement supplies.
- D. Verify with the PR that the two bar code labels chosen are identical. Fill out all barcoded labels with the race name, date and person drawing the sample. Have PR confirm that the labels are completed accurately.

Step Four (Blood draw and shipping samples)

- A. In front of the PR, clean the draw site with a disinfectant swab and allow to dry.
- B. Collect blood into the two vacutainer blood tubes filling them until no vacuum remains.
- C. Place an evidence seal over the stopper as shown in the blood tube labeling protocol form (found in the white notebook in the drug sampling cooler).
- D. Place the barcoded label with the bar codes vertical as shown in the blood tube labeling protocol. Wrap the barcoded label around the blood tube.
- E. Have the PR initial the top of blood tube with permanent marker.
- F. Place the vacutainer tubes into the plastic security bag. Squeeze air out of the bag and seal with tape across the full width of the bag so the contents may not be accessed without opening the bag. Have the PR sign across the flap of the security bag with permanent marker.
- G. The VET shall complete the sample shipping invoice.
- H. All samples must be kept secure AND COOL until all samples for an event are drawn. As soon as reasonably possible thereafter, place the tubes in a cooler with suitable cooling material, seal the container shut with shipping tape and mail the samples to the contracted lab: Kenneth L. Maddy Equine Analytical Chemistry Laboratory, University of California, Davis, 620 West Health Sciences Drive Davis, CA 95616-5270

Step Five (Confirmation of process by parties)

All parties shall sign this document

VET: I hereby attest that: (a) to the best of my knowledge the horse identified above is the horse from which a blood sample was taken, and (b) I followed the blood draw process set forth above without alteration, modification or variation and, (c) to the best of my knowledge a clean and uncontaminated blood sample was obtained.

NAME

DATE AND TIME

STEWARD: I hereby attest that: (a) to the best of my knowledge the horse identified above is the horse from which a blood sample was taken, and (b) I personally observed all steps of the blood draw and the process was followed in its entirety without alteration, modification or variation, and (c) to the best of my knowledge a clean and uncontaminated blood sample was obtained.

NAME

DATE AND TIME

PR: I hereby attest that: (a) to the best of my knowledge the horse identified above is the horse from which a blood sample was taken, and (b) I personally observed all steps of the blood draw and the process was followed in its entirety without alteration, modification or variation, and (c) to the best of my knowledge a clean and uncontaminated blood sample was obtained. I further attest that, I am or will immediately become familiar with the EDRA drug rule and will assure that the owner of the horse is aware that a blood test was drawn and is aware of the EDRA drug rule.

NAME

DATE AND TIME

The STEWARD will place this completed form in the STEWARD's notebook.