

Drug Sampling 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. If no person meeting these requirements can be located the Chair of the Ride Steward Committee shall serve as the Drug Coordinator.

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 3 random number generated lists using the numbers 1-499. Each list will be placed in a sealed envelope. One envelope will be placed in the drug sampling boxes which have been prepared by the lab designated to run the drug tests. All 3 drug testing boxes will be placed in the EDRA drug cooler. 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 Steward 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 procedure.

Step One (Horses to be tested and preparation of coolant for shipping)

In front of the VET, the STEWARD will unlock the EDRA Drug Cooler and select one of the Testing Boxes. The Testing Box contains everything necessary to test the required number of horses, except for gloves, which are located separately in the EDRA Drug Cooler. The STEWARD and VET will open the box, locate the coolant material and immediately place the coolant material in a freezer for use during shipping. The STEWARD and VET will then open the envelope labeled "random number list" 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. Once this is completed, the STEWARD will file the random number list in the Ride Steward Manual, labeling it with the name of the ride.

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 testing. 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 a 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. This section must be filled out in detail and in its entirety.

BAR CODE (from test selected): _____
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.
- B. Wearing clean gloves, have the PR remove from the Testing Box one small zip lock bag containing the testing materials. Place all the supplies on a clean surface. The supplies should include three test tubes, one blood draw needle, one needle holder, blank labels, three bar-coded labels, alcohol wipes, and one u-secure label.
- C. Have the PR visually inspect the equipment and verbally verify that it is in new condition. The PR may reject the equipment and choose another zip lock bag.
- D. Verify with the PR that the three bar code labels are identical. Fill out all three of the bar-coded labels. Where it requests the track name, write "EDRA" and the race name (e.g., Grizzly). Provide the 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 three blood tubes filling them until no vacuum remains.
- C. Place a plain label over the test tube stopper in such a way that the stopper cannot be removed without removing the label and have the PR initial the label across the top of the tube with a permanent marker.
- D. With the bar code vertically placed on the test tube, wrap the bar-coded label around the test tube. The entire bar code must be visible. Record the bar code for the horse listed above here and have the PR initial that the bar code is correct.
- E. Place the tubes back into the small plastic bag. Squeeze air out of the bag and seal it with the u-secure label across the full width of the bag so the contents may not be accessed without breaking the seal. Have the PR sign across the u-secure label with a permanent marker.
- F. The VET shall complete the sample shipping invoice and place it back in the Testing Box. Be sure that all samples to be mailed are listed on the shipping invoice.
- G. 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 the Testing Box with the frozen coolant, affix the shipping label found in the Testing Box, 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

Appendix D

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 Ride Steward's Manual.