

Drug Sampling Protocols

Rides to be tested

Each year, the EDRA Board (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 (DC) to select the rides where drug testing will take place and to be a resource for Stewards who manage drug testing at the selected rides. The DC 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 on an EDRA ride. If no person meeting these requirements can be located the Ride Steward Coordinator shall serve as the DC.

Approximately two weeks before the first EDRA ride is to take place each year, the DC 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 DC lists all of the rides as follows:

1. Rail Trail
2. Don't Fence Me In
3. Trout Lake 100
4. Diamond in the Rough
5. Big Sky Memorial
6. Selkirk Distance Derby
7. Ride the Loup

A random sequence generator is used to create a random list of the numbers 1-7. If, for example, those numbers were 2, 5, 1, 7, 4, 3, 6 and it has been determined by the DC that two rides will be tested, those rides on the original list numbered 2, and 5 would be tested (Don't Fence Me In and Big Sky Memorial).

Next, the DC or his/her designee will create a three random number generated list for each of the rides to be tested using 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 of the 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 DC will only notify the Steward for the ride where testing will occur. The DC and Steward will keep the information confidential and are not to share the information with any other parties.

The drug testing cooler is usually transported to the ride site in the EDRA trailer, unless other arrangements are required. The Steward will secure the cooler upon arrival at ride camp. The cooler is to be locked during transport and only the Steward will have the combination/key to unlock the cooler. The Steward will advise the Head Veterinarian and Ride Manager of the ride having been selected for drug testing, once at the ride site and will instruct them to keep the information confidential.

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 equine/rider placings in the competition were 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 equine'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 Head Veterinarian and Steward shall adhere to the following step-by-step procedure.

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

In the presence of the Head Veterinarian, 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 equines, except for gloves, which are located separately in the EDRA Drug Cooler. The Steward and Head Veterinarian will open the box, locate the coolant material, and immediately place the coolant material in a freezer for use during shipping. The Steward and Head Veterinarian will then open the envelope labeled "random number list" and compare the first number in the first column to determine if an equine/rider with that same number started the event. If so, that equine should be tested as soon as it completes or is withdrawn or eliminated for any reason from the competition. If no equine/rider was assigned that number, the Steward, and Head Veterinarian will compare the second number in the first column to determine if an equine/rider with that same number started event. If so, that rider's equine should be tested as soon as it completes or is withdrawn or eliminated for any reason from the competition. If not, the Steward and Head Veterinarian continue down the random number list until they have identified three equines to be drug tested. **Once this task is completed, the Steward will file the random number list in the Ride Steward Manual, labeling it with the name and date of the ride and the Steward's signature.**

***NOTE:** If possible, Step One should be performed 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 or eliminated 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's number.*

Step Two (Identification of Equine and Responsible Parties)

As soon as one of the equines selected for testing withdraws, is eliminated from, or completes the race, the Ride Steward or his/her delegate will inform the rider that they have been selected for drug testing. ***NOTE:** Completing the race typically involves final veterinary examinations, including Best-in-Class exams, when eligible. However, in order to minimize disruption for other competitors, the Head Veterinarian, Ride Steward, and Rider may collectively determine when the testing will take place. In the absence of an agreement, the Head Veterinarian will make the final decision on when the testing will take place. The Steward or his/her delegate will remain with the equine until such time as the blood draw has been completed. Additionally, drug testing should not delay any treatment deemed by the Head Veterinarian to be immediately necessary for the welfare of the equine.*

The Steward or his/her delegate will escort the equine to an area previously identified for drug testing. If the rider wishes to take the equine back to his/her trailer for a legitimate reason (to remove tack, etc.) the Steward or someone designated by the Steward will accompany the equine. The equine should remain in constant view of the Head Veterinarian, Steward, or their designee until such time as the drug testing sample has been procured, labeled and is fully sealed.

In the presence of one or more of the Responsible Parties (rider, owner, trainer, and/or support crew of the Equine), the Head Veterinarian, Steward and RP will confirm the identity of the equine using the EDRA Logbook. If a Logbook is not available, the equine's identity can be confirmed using health papers or other formal documents such as FEI passport, brand inspection documents, or breed registration papers. If no documents are available, the RP shall confirm the identity of the equine. The Steward, in consultation with the Head Veterinarian and RP, will complete the following section which records the identity of the equine. The section starting on the next page must be filled out in detail and in its entirety.

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The Steward will photograph the completed information below, forwarding it to the EDRA Drug Coordinator so that he/she may inform the rider of drug testing results on their equine. The Steward should ensure the information provided below is legible and easy to read.

BAR CODE (from test selected): _____

RIDE NAME: _____

RIDE DATE: _____

RIDER NAME: _____

RIDER NUMBER: _____

RIDER EMAIL ADDRESS: _____

RIDER PHONE NUMBER: _____

EQUINE OWNER: _____

EQUINE NAME: _____

RESPONSIBLE PARTIES (rider, owner, trainer, and/or support crew of the equine): _____

EQUINE REGISTRATION # (IF ANY): _____

EDRA LOGBOOK #: _____

IF NO EDRA LOGBOOK, LIST ALL DOCUMENTS USED (if any): _____

IF NO DOCUMENTS, PERSON IDENTIFYING EQUINE: _____

COLOR: _____

MARKINGS:

FACE: _____

LEGS: _____

OTHER (include tattoos, scars, brands, etc.): _____

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

- A. The Head Veterinarian, Steward and RP 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 RP and or if any chance of contamination has occurred.
- B. Wearing clean gloves, have the RP 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 RP visually inspect the equipment and verbally verify that it is in new condition. The RP may reject the equipment and choose another zip lock bag.
- D. Verify with the RP 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., Sand Canyon). Provide the date and the person drawing the sample. Have RP confirm that the labels are completed accurately.

Step Four (Blood draw and shipping samples)

- A. In front of the RP, clean the draw site with a disinfectant swab and allow it to dry.
- B. Collect blood into the three blood tubes filling them until no vacuum remains.

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- 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 RP 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 equine listed above here and have the RP initial that the bar code is correct. (Photographs of the correct labeling placement are available for viewing in drug cooler.)
- 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 RP sign across the u-secure label with a permanent marker.
- F. The Head Veterinarian 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.

HEAD VETERINARIAN: I hereby attest that: (a) to the best of my knowledge the equine identified above is the equine 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 equine identified above is the equine 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

RP: I hereby attest that: (a) to the best of my knowledge the equine identified above is the equine 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 equine 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 under the tab provided for the specific ride.

Once results are back to the EDRA Drug Coordinator, he/she will contact participants whose equines passed the drug testing and advise them of the results. He/she will forward a hard copy of the testing results to the Steward Coordinator so that they may be filed in the Ride Steward's Manual with the random number list and rider forms, thus completing the drug testing protocol for that event.

If an equine fails the drug test, the EDRA President will be notified and the President will initiate the required steps outlined in the Drug Rule, Appendix C.

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Drug Testing Contact Information	Billing Contact Information
<p>Medina Matthews Lab Research Supervisor I Equine Analytical Chemistry Lab California Animal Health and Food Safety University of California, Davis PO Box 1770 Davis, CA 95617</p> <p>Email: maakbar@ucdavis.edu Office: (530) 754-1961</p>	<p>Kimberly Curtis, Billing Supervisor California Animal Health & Food Safety 1200 Dutton Hall Davis, CA 95616</p> <p>Office: (530) 752-4613 Cell: (707) 372-1303</p>