

# Industrial Laboratories | 2016

## Therapeutic Medication Research Program

---

**Objective:** Provide a resource for veterinarians and horsemen to obtain clearance time information for controlled therapeutic medications that is dose- specific, administration-specific, and horse-specific. Keep the testing as economical and timely as possible.

### **Why do we do this?**

Withdrawal time information for therapeutic medications is usually restricted to one specific dose and/or route of administration. This means that deviations from the study dose may result in deviations from known withdrawal times and may increase the risk of a medication violation. Inadvertent medication violations are detrimental to all parties involved, but it is impossible from an economic standpoint to perform a study for every possible dose or route of administration that may be used in therapy. Industrial Laboratories felt that we could provide a valuable service to the industry by screening samples collected after a legitimate therapeutic administration and providing information to the practicing veterinarian whether the administration would or would not result in a threshold violation. We collect all the information in an anonymous spreadsheet and make it available to all of our clients for dissemination to the practicing veterinarians for an additional medication guide.

### **How does the program work in actual practice?**

The veterinarian performs the therapeutic regimen as normal. A serum sample is collected at a suitable time in a labeled tube (preferable the same type of tube as the test barn uses for official sample collection – we will be happy to provide some extra collection supplies for this purpose), the veterinarian fills out the medication research form with all required information and submits both to the test barn for shipping to the lab. It is the responsibility of the practicing veterinarian to ensure the integrity of the sample, such as proper collection techniques, proper identification, and proper storage conditions. The test barn will include the sample in the next scheduled shipment to the lab, where it will be tested for the specific drug that was administered. After completion of the testing, we send a report back to designated contacts.

### **What does it cost?**

At this point, there is **no charge** for the testing. To maintain this complimentary service we fit the samples into the testing process when time and resources are available, and thus cannot guarantee any set turn-around time.

# Industrial Laboratories | 2016

## Therapeutic Medication Research Program

---

### **Important things to know:**

- If samples are not properly collected and/or stored, a false negative may result.
- All results are based on screening analysis for timeliness reasons. Screening analysis is not legally defensible and may only be used for informational purposes.
- We cannot provide a guarantee that a negative research test means that a post-race sample will test negative due to a variety of factors that could affect testing outcome.
- We cannot do this as a pre-race screen. It is only meant for research and provides practical information to guide therapeutic regimens in a regulated environment to minimize the chance of inadvertent violations. Please don't call us to say your horse is entered to race tomorrow and you would like the test results by 9 am. Testing is done on a space-available basis.
- We will only test for those drugs that are regulated by official threshold in the jurisdiction the sample was collected in.
- We will not perform open-ended screening for other drugs – only the drug that was administered.
- We will not release test results by phone and will only report by e-mail to designated contacts.
- At this point, Cobalt testing cannot be performed free of charge.
- We reserve the right to suspend this free program at any time.

Please contact us at [phartmann@industriallabs.net](mailto:phartmann@industriallabs.net) if you have questions about this process.