

Charm[®] Ractopamine Test for Porcine Oral Fluid Qualitative Flow Chart



Refer to Current Charm[®] Operator's Manual for Complete Procedure

Sample Preparation

- Collect Porcine Oral Fluid sample.
- Mix Porcine Oral Fluid well and allow debris to settle for 1 minute.
- 100 µL Porcine Oral Fluid sample
+
700 µL Ractopamine Dilution Buffer
Mix
Diluted Sample
- Vortex for 5 seconds.

Test Procedure

- Place test strip in ROSA[®] Incubator.
- Peel Tape and pipet 300 µL diluted Porcine Oral Fluid into sample compartment and reseal tape.
- Close lid and incubate for 8 minutes but not more than 10 minutes.

Read Result

- Inspect test strip to verify valid C line.
- Insert test strip into Charm EZ[®] System and close door to read.

Table 1. Sensitivity

| Drug | Detection Range† (ppb*) | Regulatory Range |
|-------------|-------------------------|------------------|
| Ractopamine | 2.5 to 15 ppb | To Be Determined |

† Positive at least 95% of the time
* parts per billion, µg/kg or µg/L