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Clenbuterol Rapid Test (Urine)

Cat No.: SS08-LF

1. INTENDED USE

Clenbuterol Rapid Test is a competitive immunoassay for the semi-quantitative detection of the presence of Clenbuterol residue in urine.

Cut-off: 5 ppb

Assay Time: 5 -10 min

2. PRINCIPLE OF THE ASSAY

Quicking Clenbuterol Rapid Test is based on competitive lateral flow immunochromatographic assay. The CLEN-conjugate in the test zone will capture the immuno-gold (colloid gold-CLEN antibody conjugate), when there is very little dissociative CLEN in the samples. A visible red test band indicates a negative result when the control line (C zone) shows that the card is valid. The test band (T zone) will be not visible if CLEN is present in concentration of 5 ppb and above which explains a positive result.

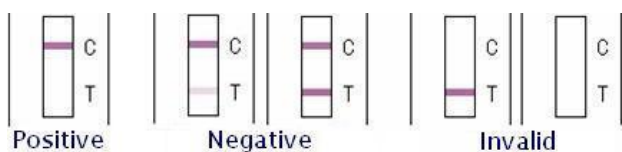
3. KIT COMPONENT

- 10×foil pouches each containing one cassette, one pipette and a desiccant
- Product Manual

4. TEST PROCEDURE

- Collect clean urine directly for running the assay. If the sample is cloudy, do a centrifugation to make the urine clean for use.
- Take out the cassette from the foil pouch and place it horizontally.
- Gradually drip 3 drops of sample extraction into the sample hole "S".
- Interpret the result in 5 - 10 minutes. Result after 10 minutes is considered as invalid.

5. INTERPRETATION OF RESULTS



Positive: Only one clear band in C zone indicates a positive result. Positive shows that the concentration of Clenbuterol is at or above 5 ppb in the sample.

Negative: The presence of both clear band in C zone and T zone.

Invalid: No colored band appears in C zone.

6. SPECIFICITY

- The results are negative when the test is applied to detect 100 ppm of Ractopamine, Trenbolone-acetate, Chloramphenicol, Aminoglycosides, Beta-Lactams, Macrolides, Quinolones, and Sulfonamides.
- The results is negative when the test is applied to detect 1 ppm of Salbutamol.

7. STORAGE

The kit can be stored at room temperature (2-30°C). The test kit is stable through the expiration date (18 months) marked on the foil pouch. **DO NOT FREEZE.** Do not store the test kit in direct sunlight.

8. PRECAUTIONS

- For best results, please strictly adhere to these instructions.
- All reagents must be at room temperature before running the assay.
- Do not remove test cassette from its pouch until immediately before use.
- Do not reuse the test kit.
- Do not use the test beyond its expiration date marked on the foil pouch.
- The components in this kit have been quality control tested as standard batch unit. Do not mix components from different lot numbers.

9. LIMITATION

Clenbuterol Rapid Test is a useful tool offering a rapid and accurate testing in field screening, exceeding with its convenience. It provides a semi-quantitative method to detect the Clenbuterol above 5 ppb in urine. If you want a quantitative result, please adopt other method such as ELISA in practice.