

Rapid Test Strip for Salbutamol

Cat. No.: DTSJZ014

Pkg. Size: 25T

Intended use

This kit is intended for rapid test of Salbutamol residue in tissue.

Principle of the Test

This kit is based on competitive indirect immunochromatography technology, in which Salbutamol in sample competes for the colloid gold labeled antibody with Salbutamol coupling antigen captured on test line. The test result can be watched by naked eye.

Reagents and Materials Provides

Salbutamol cassette

Pipette

Kit Insert

Sample preparation

- (1) Homogenize the fat removed tissue sample for 1min (10,000rpm)
- (2) Take 5.0 ± 0.05 g of the homogenate into a 10ml polystyrene centrifuge tube, lock the cover (Do not cover too tightly).
- (3) Boil (The suggested water temperature 80°C) for 10min, then cool the sample to ambient temperature, ready for use.

Assay operation

- (1) Take the test card from the package, and use for assay within 1 hour.
- (2) Place the test card at a flat level, pipette the prepared sample solution 2-3drops into the sample well.
- (3) Start the timer as the added solution flows, observe the result within 10 min, and determine the result according to **Results**.

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45-16 Ramsey Road Shirley, NY 11967, USA

Tel: 631-624-4882 Fax: 1-631-938-8221

E-mail: info@creative-diagnostics.com

www.creative-diagnostics.com

Results

Negative (-): Test Line and Control Line are both red, indicating that the Salbutamol in sample is lower than the LOD of the kit.

Positive (+): No color shows in Test line, indicating that the Salbutamol in sample is higher than the LOD of the kit.

Invalid: No color shows in Control Line, indicating the operation is incorrect or the test kit is out of date. In this case, please read the instruction again carefully, and do the assay again with new strips.



Detection Limit (LOD)

5 ng/ml (ppb).

Specificity

This product shows negative at the level of 500ng/g (ppb) of ractopamine, sulfonamides, chloramphenicol, fluoroquinolones, tetracyclines etc.

Storage

The kit can be stored at 2-30°C in dark cool place for 14 months. Please do not freeze. Lot. No. and date of production are printed on the package.

Notice for Operations

- (1) The card is one-off, please use at room temperature.
- (2) Avoid direct sunlight when do the assay.
- (3) Do not touch the white membrane in the center of card.