



User's Manual

New Beta-Agonist Combo ELISA Kit

REF

DEIA-XY2264



96T

RUO

This product is for research use only and is not intended for diagnostic use.

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

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PRODUCT INFORMATION

Intended Use

New Beta-Agonist Combo ELISA Kit is intended for the quantitative determination of Beta-Agonist in serum, feed, tissue, urine.

Reagents And Materials Provided

1. Microtiter well plate: 8 microwells/strip, 12 strips/plate.
2. Clenbuterol standard: each bottle for 0 ppb, 0.1 ppb, 0.25 ppb, 0.5 ppb, 1 ppb, 2 ppb, 1.0 mL/bt. (Ready to use)
3. 10X Concentrate Washing Solution: 1 bts/kit, 50 mL/bt. (Dilute 10X before use)
4. 150X Concentrate Enzyme Conjugate: 1 bts/kit, 0.1 mL/bt. (Dilute 150X before use)
5. 10X Conc. Enzyme Conjugate Dilution Solution: 1 bts/kit, 18 mL/bt. (Dilute 10X before use)
6. Sample Dilution Solution: 1 bts/kit, 30 mL/bt. (Ready to use)
7. Substrate Solution (TMB): 1 bt, 12 mL/bt. (Ready to use)
8. Stop Solution: 1 bt, 13 mL/bt. (Ready to use)

Detection Limit

The lowest detection limit of the New β -agonist kit is around 0.1 ppb. The OD value of this concentration is significantly different from the negative standard.

Sensitivity

Serum: 0.3 ppb

Feed: 2 ppb

Tissue (Dilution Method): 0.8 ppb

Tissue (Extraction Method): 0.2 ppb

Liver (Extraction Method): 0.4 ppb

Specificity

The specificity of β -Agonists ELISA kits has been determined by analyzing the cross-reactivity of the corresponding substances.

Clenbuterol: 100%

Salbutamol: 80%

Ractopamine: 80%

Phenethylamine: A 115 %

Bromobutanol: 95%

Cimaterol: 95%

Tulobutanol: 50%

Mapenterol: 50%

Mabuterol: 45%

Zilpaterol: 20%

Terbutaline: 20%