



## User's Manual

# Beta-Agonist ELISA Kit



DEIA-XY2263



96T





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

Beta-Agonist ELISA Kit is intended for the quantitative determination of Beta-Agonist in serum, feed, shoney, 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, 0.65 ppb, 1.6 ppb, 4.0 ppb, 1.0 mL/bt. (Ready to use)
3. 10X Concentrate Washing Solution: 1 bts/kit, 50 mL/bt. (Dilute 10X before use)
4. 50X Concentrate Enzyme Conjugate: 1 bts/kit, 0.3 mL/bt. (Dilute 50X before use)
5. Enzyme Conjugate Dilution Solution: 1 bts/kit, 18 mL/bt. (Ready to use)
6. Sample Dilution Solution: 1 bts/kit, 50 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 CD  $\beta$ -agonist kit is around 0.1 ppb. The OD value of this concentration is significantly different from the negative standard.

### Sensitivity

Urine: 0.3 ppb

Serum: 0.2 ppb

Feed: 8.0 ppb

Muscle: 0.5 ppb

### Specificity

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

Clenbuterol: 100%

Salbutamol: 95%

Bromobuterol: 75%

Tulobuterol: 30%

Terbutaline: 5%

Ractopamine: <0.01%