



β-AGONIST FAST ELISA (5061BAGF)

General

This competitive enzyme immunosorbant assay is based on antibodies, directed against clenbuterol and salbutamol. This combination of antibodies results in a generic test kit for β-Agonistic drugs.

Kit characteristics

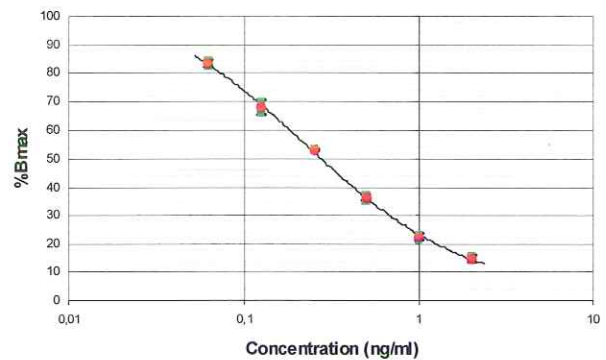
- Microtiter plate:**
 12 x 8 break 4 wells
- Antibody cross-reactivity:**

Clenbuterol	100%	Carbuterol	40%
Salbutamol	90%	Mapenterol	35%
Cimbuterol	90%	Cimaterol	20%
Bromobuterol	80%		
Mabuterol	60%		
Terbutaline	45%		
- Conjugate:**
 Clenbuterol-HRP stabilized
- Standard range clenbuterol (ready-to-use)**
 0, 0.0625, 0.125, 0.25, 0.5, 1.0, 2.0 ng/ml
 Stock standard, 100 ng/ml
- Sample preparation:**
 Samples can be analysed directly after dilution or defatting (urine, milk), or a solid phase extraction for an optimal result in complicated matrices.

Assay procedure

Antibody, conjugate and sample/standard are pipetted into the wells of the microtiter plate and incubated for 30 minutes at RT (20°C - 25°C). After a washing procedure ready to use substrate is added and incubated for 15 minutes at RT. Stop the reaction and read in a spectrophotometer at 450 nm.

Calibration Curve β-agonist



Assay characteristics (LOD in ppb)

	Urine Direct	Faeces, Liver, Kidney, Bile Plasma	Liver SPE extr.	Tissue SPE extr.	Tissue Liquid extr.	Feed
Clenbuterol	0.3	0.25	0.1	0.1	0.4	<5
Salbutamol	0.3	0.25	0.1	0.1	0.4	<5

LOD (Limit of Detection); Validation according SANCO/1085/2000.