



TRIAMCINOLONE ACETONIDE ELISA (5081TRIA)

General

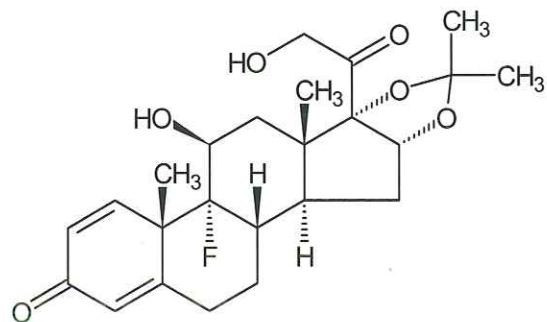
Triamcinolone acetonide is a synthetic corticosteroid and used as drug because of its anti-inflammation activities. In meat production corticosteroids such as dexamethasone and triamcinolone have been misused for fattening purposes. It was found that these compounds have growth promoting properties to improve commercial quality of meat.

Kit characteristics

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

Triamcinolone acetonide	100%
Fluocinolone acetonide	27%
6 α -methylprednisolone	0.02%
Triamcinolone	0.02%
Cortisone	< 0.01%
Dexamethasone	< 0.01%
Other corticosteroids tested	< 0.01%
- **Conjugate:**
Triamcinolone acetonide-HRP stabilized.
- **Standard range (ready-to-use):**
0, 0.0125, 0.025, 0.05, 0.1, 0.2 and 0.5 ng/ml

Inter Assay variation: 8%
Intra Assay variation: 6%

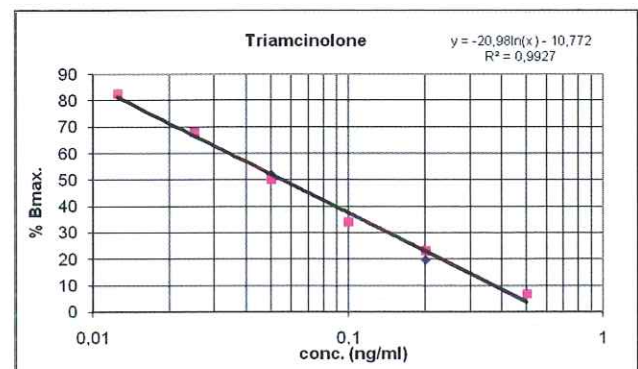


Chemical structure of triamcinolone acetonide

Assay procedure

Antibody, conjugate and sample/standard are pipetted into the IgG pre-coated wells 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.



Assay characteristics

Matrices and sample preparation, **LOD (ppb)**
Urine: direct after 10 times dilution 0.1

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

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