

ANTIBODY TO CORTISOL

(Polyclonal Rabbit)

Catalogue number: CA-005 (serum)

Antigen: Cortisol hapten immobilised on BSA via a 3-carboxymethyloxime link

Titre: 3000:1. Note: The titre with iodinated label will be approximately 10-fold higher than this figure.

Reactivity: Highly specific for cortisol.

Cross reactions: See separate table overleaf.

Applications: RIA and ELISA, neutralises antigen indirect fluorescence staining and immunohistochemistry.

Presentation: Purified IgG as a liquid containing no azide. Also available as lyophilised unpurified serum.

Unit definition: One unit is defined as that quantity which is required to bind 50% of 50pg of labelled steroid.

Storage: Store at +4°C. For extended storage, freeze in working aliquots at -20°C. Avoid repeated freezing and thawing.

NOTE: THIS PRODUCT IS FOR RESEARCH USE ONLY

Supplementary Information Sheet

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Cross reactions determined by RIA (tritiated steroid)

Steroid	% Cross Reactions
Cortisol	100.0
Aldosterone	0.001
11-Deoxycorticosterone	4.10
11-Deoxycortisol	5.70
21-Deoxycortisol	0.50
Corticosterone	1.20
Cortisone	0.60
Testosterone	0.001
Oestradiol-17 β	0.001
Oestradiol-17 α	0.001
Dehydroepiandrosterone	0.001
Androsterone	0.001
Pregnanediol	0.001
Pregnanetriol	0.001
Pregnenolone	0.001
Progesterone	0.001
Oestrone	0.001
Oestriol	0.001
16-Epi oestriol	0.001
6-Keto oestradiol	0.001
Dihydrotestosterone	0.001
Androstenedione	0.001
11-Hydroxy progesterone	0.001
17 α -Hydroxy progesterone	0.70
20-Dihydro progesterone	0.020