



## Anti Corticosterone-3-CMO polyclonal antibody

Product No. FKA-420

The Cross reactivities of anti Corticosterone-3-CMO-BSA Serum by RIA  
With Corticosterone[1.2-<sup>3</sup>H].

Antigen	Corticosterone-3-CMO-BSA
Antibody	FKA-420 lyophilized Rabbit serum 50μl / Vial
Dilution of Serum	2000test for RI assay 250μl/tube use
Binding of Total	about 60 %
DOC dose of B0/2	200pg/test
Strage/Handling	Maintain at 4°C-8 °C (-20 °C for long term storage) in undiluted aliquots. Avoid repeated freeze/thaw cycles.

Steroid	Cross Reaction
Corticosterone (Compd. B)	100 %
DOC	4.80%
11-Dehydrocorticosterone (Compd. A)	4.70 %
Progesterone	5.40 %
Cortisol (Compd. F)	2.20 %
4-Androstenedione	1.20 %
Cortisone (Compd. E)	0.23 %
17-hydroxy-11-deoxy-corticosterone (Compd. S)	0.19 %
17alpha-hydroxy-progesterone (17alpha-OHP4)	0.30 %
Testosterone	0.35 %
Aldosterone	< 0.01 %
Pregnenolone	< 0.01 %
17alpha-hydroxy-progesterone	< 0.01 %
Dehydroepiandrosterone	< 0.01 %
Estradiol	< 0.01 %

*For research use only; not for use as a diagnostic.*



C.O.S.M.O. F.K.A. 4-2-0 (R-I-A)

## The Specificities of anti Corticosterone serum by RIA

antigen = Corticosterone-3-CMO-BSA  
 Polyclonal antibodies (whole serum): rabbit No. 199

The Dilution of antiserum x10,000 250  $\mu$ l/tube使用  
 Label Corticosterone[1,2-<sup>3</sup>H] 10,000dpm 使用

## The Cross reaction

Corticosterone (B)	100 %
Cortisol (F)	2.2 %
Cortisone (E)	0.23 %
11-Deoxycortisol (S)	0.19 %
11-Dehydrocorticosterone (A)	4.68 %
DOC	4.80 %
Aldosterone	0.17 %
17 $\alpha$ -OH-progesterone	0.07 %
Progesterone	5.47 %
Dehydroepiandrosterone	0.05 %
Androstenedione	1.1 %
Testosterone	0.35 %
Estradiol	0.05 %

このCorticosteroneはELISAでも測れます。抗体はEIA用を、  
 標識はCorticosterone-3-CMO-HRPを用意してあります。

COSMO FKA 420

The Cross reactivities of anti Corticosterone-3-CMO-BSA serum  
by RIA

Antigen Corticosterone-3-CMO-BSA  
RIA用抗体 rabbit No.199  
Antiserum 50  $\mu$ l / Vial x10,000 250  $\mu$ l/tube 使用  
Label Corticosterone-1,2-<sup>3</sup>H 10,000dpm 使用

Steroid	Cross Reaction
Corticosterone (Compd. B )	100 %
DOC	4.8 %
11-Dehydrocorticosterone (Compd. A)	4.7 %
Progesterone	5.4 %
Cortisol (Compd. F )	2.2 %
4-Androstenedione	1.2 %
Cortisone (Compd E)	0.23 %
17-hydroxy-11-deoxy-corticosterone (Compd.S)	0.19 %
17 $\alpha$ -Hydroxy-progesterone (17 $\alpha$ -OHP <sub>4</sub> )	0.3 %
Testosterone	0.35 %
Aldosterone	< 0.01 %
Pregnenolone	< 0.01 %
17 $\alpha$ -Hydroxy-pregnenolone	< 0.01 %
Dehydroepiandrosterone	< 0.01 %
Estradiol	< 0.01 %