



POLYCLONAL ANTIBODY

For research use only. Not for clinical diagnosis.

Catalog No. FKA-420

Anti Corticosterone-3-CMO

Product type	Primary antibodies
Host	Rabbit
Source	Serum
Form	Lyophilized powder
Volume	50 µl (2000 TEST)
Concentration	
Specificity	Corticosterone-3-CMO *
Antigen	Corticosterone-3-CMO-BSA
Isotype	IgG

Application notes Radio Immunoassay

Recommended use

Recommended dilutions

RIA : 250 µl/ tube use

Optimal dilutions/concentrations should be determined by the end user.

Staining Pattern

Storage Maintain at 4°C-8°C (-20°C for long term storage) in undiluted aliquots. Avoid freeze/thaw cycles



COSMO BIO Co., LTD.

Inspiration for Life Science

Anti Corticosterone-3-CMO

References

*The Cross reactivities of anti Corticosterone-3-CMO (FKA-420) by RI Assay with Corticosterone[1.2-³H].

Binding of Total : about 60 %

DOC dose of B₀/2 : 200 pg/test

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%

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Inspiration for Life Science

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C.O.S.M.Q. FKA-4-2-0 (R-IA)

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 μ l/tube使用
 Label Corticosterone [1.2-³H] 10,000dpm 使用

The Cross reaction

	100 %	%
Corticosterone (B)	2.2	23
Cortisol (F)	0.19	19
Cortisone (E)	4.68	68
11-Deoxycortisol (S)	4.80	80
11-Dehydrocorticosterone (A)	0.17	17
D0C	0.07	7
Aldosterone	5.47	47
17 α -OH-progesterone	0.05	5
Progesterone	1.1	11
Dehydroepiandrosterone	0.35	35
Androstenedione	0.05	5
Testosterone		
Estradiol		

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 μ l / Vial x10,000 250 μ l/tube 使用
Label	Corticosterone-1,2- ³ 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 α -Hydroxy-progesterone (17 α -ORP ₄)	0.3 %
Testosterone	0.35 %
Aldosterone	< 0.01 %
Pregnenolone	< 0.01 %
17 α -Hydroxy-pregnenolone	< 0.01 %
Dehydroepiandrosterone	< 0.01 %
Estradiol	< 0.01 %