

EIA

COSMO FKA 308

The Cross reactivities of anti 17 α -Hydroxy-progesterone-3 (E) CMO
-BSA IgG by EIA with 17 α -OH-progesterone-3-CMO-HRP

Antigen 17 α -Hydroxy-progesterone-3 (E) CMO-BSA
rabbit No.450

Dilution of I g G x100,000 (2 μ l.)

Label 17 α -Hydroxy-progesterone-3-CMO-HRP
x20,000

Optical density by B₀ 1.0

17 α -OH-P₄ dose of B₀/2 5 ng/ml (250 pg/well)

Steroid	Cross Reaction
17 α -Hydroxy-progesterone (17 α -OHP ₄)	100 %
17 α -Hydroxy-pregnenolone (17 α -OHP ₅)	20 %
17 α -Hydroxy-pregnenolone-3-Sulfate	15.0 %
17 α ,20 α -Dihydroxy-4-pregnen-3-one	1.8 %
17 α ,20 β -Dihydroxy-4-Pregnen-3-one	1.5 %
Progesterone	1.5 %
Pregnenolone	1.0 %
D O C	0.8 %
Cortisol	0.1 %
Cortisone	0.16%
4-Androstenedione	0.2 %
Testosterone	0.3 %

ELISA のときはウサギ No. 450 IgG をお使い下さい。

RIA

COSMO FKA 308

The Cross reactivities of anti 17 α -Hydroxy-progesterone-3(E) CMO
-BSA serum by RIA with 17 α -Hydroxyprogesterone[1,2,6,7-³H]

Antigen 17 α -Hydroxy-progesterone-3(E) CMO-BSA
rabbit No. 451
Dilution of Antiserum x100,000 *Sul*
Label 17 α -Hydroxy-progesterone[1,2,6,7-³H]
10,000 dpm
B₀/T 0.6
17 α -OH-P₄ dose of B₀/2 20 pg/tube

Steroid	Cross Reaction
17 α -Hydroxy-progesterone(17 α -OHP ₄)	100 %
17 α -Hydroxy-pregnenolone(16 β -OHP ₅)	1.2 %
17 α -Hydroxy-pregnenolone-3-Sulfate	1.0 %
17 α .20 α -Dihydroxy-4-pregnen-3-one	0.19 %
17 α .20 β -Dihydroxy-4-Pregnen-3-one	0.14 %
Progesterone	0.15 %
Pregnenolone	0.10 %
D O C	0.08 %
Cortisol	0.01 %
Cortisone	0.016%
4-Androstenedione	0.02 %
Testosterone	0.03 %