



COSMO BIO CO., LTD.

Inspiration for Life Science

The ELISA of Urso Deoxy Cholic acid-24-BSA according to FKA-524E and FKA-523

The Cross reactivities of anti Urso Deoxy Cholic acid-24-BSA (FKA-524E) by ELISA with Urso Deoxy Cholic acid-24-HRP (FKA-523)

Antigen	Urso Deoxy Cholic acid-24-BSA
Antibody	FKA-524E Purified by Protein A lyophilized IgG of 2μl / Vial
Dilution of IgG	2000test for Assay 50μl/well use
Label (FKA-523)	UDCA(Urso Deoxy Cholic acid)-24-HRP 1ml / Vial
	1,000test for ELISA 50μl/well use
O.D. (492/600nm) of B0	about 1.0
UDCA dose of B0/2	200 pM/ml
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
UDCA(Urso Deoxy Cholic acid)	100 %
Tauro UDCA	146 %
Glyco UDCA	111 %
Cheno deoxy Cholic Acid(CDCA)	0.11 %
Tauro CDCA	0.15 %
Glyco CDCA	0.14 %
Deoxy cholic acid(DCA)	0.05 %
Tauro DCA	0.03 %
Litho Ccholic Acid(LCA)	0.12 %
Tauro LCA	0.16 %
Glyco LCA	0.15 %
Cholic Acid (CA)	< 0.01 %
Tauro CA	< 0.01 %
Glyco CA	< 0.01 %
HyoDeoxy CholicAcid	0.10 %

For research use only; not for use as a diagnostic



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FKA # 524E

C O S M O F K A 5 2 4 と 5 2 3 による U D C A の E L I S A 特性

The Cross reactivities of anti Urso Deoxy Cholic acid-BSA IgG by ELISA.

Antigen, Urso Deoxy Cholic Acid-24-BSA

Rabbit.No.175

524-E Dilution of IgG x100,000 50 μ l / w e l l

Label (523)

UDCA-24-HRP

5,000倍希釈液 50 μ l / w e l l

O. D.

1.0前後

UDCA dose of B₀/2 200pM/ml (10pM/well)

Bile Acid	Cross Reaction
UDCA(ursodeoxycholic acid)	100 %
Tauro UDCA	146 %
Glyco UDCA	111 %
Cheno deoxy Cholic Acid(CDCA)	0.11 %
Tauro CDCA	0.15 %
Glyco CDCA	0.14 %
Deoxy cholic acid(DCA)	0.05 %
Tauro DCA	0.03 %
Glyco DCA	0.04 %
Litho Ccholic Acid(LCA)	0.12 %
Tauro LCA	0.16 %
Glyco LCA	0.15 %
Cholic Acid (CA)	0.008 %
Tauro CA	0.006%
Glyco CA	0.006%
HyoDeoxy CholicAcid	0.1 %