



COSMO BIO CO., LTD.

Inspiration for Life Science

POLYCLONAL ANTIBODY

For research use only. Not for clinical diagnosis.

Catalog No. FKA-504-E

Anti Glycocholic acid

【Glycocholic acid structure does not vary according to an animal class 】

Product type	Primary antibodies
Host	Rabbit
Source	Serum
Form	Liquid
Volume	2000 TEST (20 ×l/vial)
Antigen	Glyco Cholic Acid-24-BSA
Isotype	IgG

Application	ELISA
Recommended use together	FKA-503 Glycocholic acid-HRP (2000 TEST) x 5000, 50 µl/well use
Recommended dilutions	x 5000 for ELISA : 50 µl/well use Final dilution: 2000 test x 50 ×l(well) = 100 ml Optimal dilutions/concentrations should be determined by the end user.
Storage	Maintain at 4°C-8°C (-20°C for long term strage) in undiluted aliquots. Avoid freeze/thaw cycles

References **The Cross reactivities of anti Glyco Cholic Acid-24-BSA IgG (FKA 504-E) by ELISA with Glyco Cholic Acid-24-HRP (FKA-503)**

O.D. (492/600 nm) of B0 about 0.6
GCA dose of B0/2 about 20 nM/ml (1 nM/well)

Bile Acid	Cross Reaction
GCA	100 %
TCA	108 %
CA	62 %
GCDCA	12.4 %
TCDCA	14.1 %
CDCA	5.5 %
DCA	2.4 %
GUDCA	0.2 %
TUDCA	0.3 %
UDCA	0.1 %
GLCA	0.01 %
TLCA	0.01 %

an abbreviation: GCA= Glyco Cholic Acid. T=tauro.
CDCA=Cheno Deoxy Cholic Acid .UDCA=Urso Deoxy Cholic Acid.