

Polyclonal Antibody to Cortisol Binding Globulin (CBG) - Purified

Alternate names:	Hydrocortisone
Catalog No.:	BP396
Quantity:	0.2 ml
Host:	Rabbit
Immunogen:	Native human CBG
Format:	State: Liquid Ig fraction Purification: Blue Sepharose chromatography Buffer System: PBS, pH 7.2, containing 50% glycerol
Applications:	RIA (I125): use a 1/500 dilution Assay buffer: 0.02 M phosphate buffer, pH 7.4, containing 0.02% sodium azide, 9% NaCl and 0.5% BSA. Sensitivity: 0.8 ng/tube. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antibody recognizes CBG. Cross reactivities TeBG: 0.7% TBG, RBP, Albumin: 0% Species: Human. Other species not tested.
Storage:	Aliquot and store at -20°C. Shelf life: one year from despatch.
Protocols:	RIA PROTOCOL To each tube add: 200 µl phosphate buffer 100 µl antibody 100 µl standard or sample 100 µl tracer (ca. 20,000 cpm) Incubation: 3 hours at 37°C Separation of the free hormone and the bound hormone by double antibody method. Add 500 µl of anti-rabbit precipitating antibody on insoluble protein, incubate for 30 minutes, add 2 ml phosphate buffer, mix, centrifuge 15 minutes at 2000 - 2500 g, aspirate and count. NOTE: The final dilution described should give around 30% binding of the total tracer (B0/T).

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The titre and the sensitivity of the RIA are dependent on the particular experimental procedure as well as on the quality of the tracer.