



GOOD BIOTECH CORP.

Website : www.good-biotech.com

E-mail : technical@good-biotech.com

38, 34th Road Taichung Industrial Park

Taichung 40768 Taiwan

Tel: +886-4-23596873

Fax:+886-4-23590410

ISO9001:2000/ISO13485:2003 & IVD GMP CERTIFIED

SPECIFICATION SHEET

PRODUCT:	Duck IgY(Δ Fc) to Human C-reactive protein
CATALOG NUMBER	D0301-2B
HOST ANIMAL:	Duck
DESCRIPTION:	IgY(Δ Fc) antibody to human CRP is developed in duck by using purified human CRP as immunogen. The antibody is purified from duck egg yolk. The product is supplied as a solution in 20mM MES(2-(N-Morpholino)ethanesulfonic acid), pH 5.8, containing 0.1% NaN ₃ as a preservative.
IMMUNOGEN:	Purified human C-reactive protein
CONCENTRATION:	≥ 10 mg/ml, determined the absorbance at 280 nm by spectrophotometer and using 1.4 as the extinction coefficient
PURITY:	Determined by SDS-PAGE (blue stain) , showing that the IgY(Δ Fc) constitute was $\geq 80\%$ of total protein; and the total immunoglobulin IgY+IgY(Δ Fc) constitute was $\geq 90\%$ of total protein.
STORAGE:	For continuous use, store at 0~5°C. For extended storage: -20°C. Repeating freezing and thawing is not recommended.
SPECIFICITY:	A single arc was shown while the antibody was reacting with part-pure human C-reactive protein by Immunoelectrophoresis. Nothing was shown when the antibody reacted with normal human serum. Similar specific reactions were observed when the antibody was tested by western blot assay.
TITER:	Becker titer : ≥ 1.0 mg/ml (antigen/antibody) The antibody determined here was supplied at concentration 10mg/ml.
APPLICATIONS:	Good to be used in immunoassay method e.g. Immunoturbidimetry, ELISA, Western blot assay, Immunoelectrophoresis, Immunodiffusion assay <i>et al.</i>
RELATIVE PRODUCTS:	Goat serum to Human C-reactive protein—gamma fraction (G0301-1B) Rabbit serum to Human C-reactive protein (R0301-0A) Rabbit IgG to Human C-reactive protein (R0301-1E) CRPex-HS CRP LIT Assay (1010) CRPex-HS CRP Calibrator Set (1510) CRPex-BR CRP LIT Assay (2010) CRPex-BR CRP Calibrator Set (2510) CRPex CRP Control-L (3011) CRPex CRP Control-M (3012) CRPex CRP Control-H (3013) Duet hs-CRP LIT Assay (4010) Duet hs-CRP Calibrator Set (4511) Triplex CRP LIT Assay (KT-0301-D)

For *in vitro* research and manufacturing of diagnostic only.