



GOOD BIOTECH CORP.

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ISO9001:2000/ISO13485:2003 & IVD GMP CERTIFIED

SPECIFICATION SHEET

PRODUCT:	Rabbit IgG to Chicken Immunoglobulin Y (H/L) --affinity purify
CATALOG NUMBER	R9101-1D
HOST ANIMAL:	Rabbit
DESCRIPTION:	Antiserum is developed in rabbit by using purified chicken IgY as immunogen. Rabbit IgG is purified by chicken IgY coupling chromatography. The product is supplied as a solution in 10mM phosphate buffer, 0.14M sodium chloride, pH 7.4, containing 0.02% NaN ₃ as a preservative.
IMMUNOGEN:	Purified chicken egg yolk IgY (H/L)
CONCENTRATION:	≥ 1.0 mg/ml, determined by absorbance at 280 nm and using 1.38 as the extinction coefficient
PURITY:	Determined by SDS-PAGE (blue stain) , showing that the IgG constitute was ≥ 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 purified chicken IgY, normal chicken serum and egg yolk extract by Immunoelectrophoresis. Nothing was shown when the antibody reacted with other mammal serum. Similar specific reactions were observed when the antibody was tested by western blot assay.
TITER:	ELISA titer : ≥ 200000x ELISA titer is defined as the dilution of antibody (1mg/ml) sufficient to give a change in absorbance of 1.0 at 450nm. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.
APPLICATIONS:	Good to be used in immunoassay method e.g. Immunoelectrophoresis, Western Blot assay, Immunodiffusion assay, ELISA et al.
RELATIVE PRODUCTS:	Rabbit antiserum to Chicken Immunoglobulin Y (H/L) (R9101-0A) Rabbit IgG to Chicken Immunoglobulin Y (H/L) (R9101-1E)

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