



GOOD BIOTECH CORP.

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ISO9001:2000/ISO13485:2003 & IVD GMP CERTIFIED

SPECIFICATION SHEET

PRODUCT:	Rabbit IgG to Duck Immunoglobulin Y (H/L)
CATALOG NUMBER	R8101-1E
HOST ANIMAL:	Rabbit
DESCRIPTION:	Antiserum is developed in rabbit by using purified duck IgY as immunogen. Rabbit IgG is purified by protein A 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 duck 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 duck IgY, normal duck 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 : ≥ 100000x 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 Duck Immunoglobulin Y (H/L) (R8101-0A) Rabbit IgG to Duck Immunoglobulin Y (H/L)--Affinity purified (R8101-1D) Rabbit antiserum to Duck Immunoglobulin Y(ΔFc) (R8102-0A) Rabbit IgG to Duck Immunoglobulin Y(ΔFc)--Affinity purified (R8102-1D) Rabbit IgG to Duck Immunoglobulin Y(ΔFc) (R8102-1E) Rabbit IgG to duck IgY(ΔFc)—HRP conjugated (R8102-1I)

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