



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

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|--------------------|---|
| PRODUCT: | Rabbit IgG to Duck Immunoglobulin Y (H/L) --Affinity purified |
| CATALOG NUMBER | R8101-1D |
| HOST ANIMAL: | Rabbit |
| DESCRIPTION: | Antiserum is developed in rabbit by using purified duck IgY as immunogen. Affinity purified rabbit IgG is purified by duck 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 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 $\geq 90\%$ 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 purified duck IgY, normal duck serum and egg yolk extract by Immuno-electrophoresis. 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 : $\geq 200000x$ 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. Immuno-electrophoresis, 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) (R8101-1E) Rabbit antiserum to Duck Immunoglobulin Y(Δ Fc) (R8102-0A) Rabbit IgG to Duck Immunoglobulin Y(Δ Fc)--Affinity purified (R8102-1D) Rabbit IgG to Duck Immunoglobulin Y(Δ Fc) (R8102-1E) Rabbit IgG to duck IgY(Δ Fc)—HRP conjugated (R8102-1I) |

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