



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 immunoglobulin G(Fc fragment) —affinity purified, mouse IgG adsorbed
CATALOG NUMBER	D0103-2H
HOST ANIMAL	Duck
DESCRIPTION:	IgY (Δ Fc) to human IgG Fc is developed in duck by using purified human IgG Fc as immunogen. Affinity purified IgY (Δ Fc) is purified by human serum coupling chromatography, and adsorption is performed by mouse IgG coupling column. 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 human immunoglobulin G Fc fragment
CONCENTRATION:	≥ 1.0 mg/ml, determined by absorbance at 280 nm and using 1.4 as the extinction coefficient
PURITY:	Determined by SDS-PAGE (blue stain) , showing that the IgY(Δ Fc) constitute was $\geq 90\%$ of total protein, and the total immunoglobulin IgY + IgY(Δ Fc) constitute was $\geq 95\%$ 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 IgG or normal human serum by Immunoelectrophoresis. Nothing was shown when the antibody reacted with mouse IgG. Similar specific reactions were observed when the antibody was tested by western blot assay.
TITER:	ELISA titer : $\geq 10000x$ 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:	Duck IgY(Δ Fc) to Human immunoglobulin G(Fc fragment) (D0103-2B) Goat serum to Human Immunoglobulin G (Fc fragment) (G0103-0A) Rabbit serum to Human Immunoglobulin G (Fc fragment) (R0103-0A)

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