



**GOOD BIOTECH CORP.**

Website : [www.good-biotech.com](http://www.good-biotech.com)

E-mail : [technical@good-biotech.com](mailto:technical@good-biotech.com)

38, 34<sup>th</sup> 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( $\Delta$ Fc) to <b>Human immunoglobulin G(H/L)</b> –affinity purify
CATALOG NUMBER	D0106-2D
HOST ANIMAL	Duck
DESCRIPTION:	IgY ( $\Delta$ Fc ) antibody to human IgG is developed in duck by using purified human IgG as immunogen. Affinity purified IgY ( $\Delta$ Fc ) is obtained by human IgG coupling affinity chromatography. The product is supplied as a solution in 10mM phosphate buffer, 0.14M sodium chloride, pH 7.2, containing 0.02% NaN <sub>3</sub> as a preservative.
IMMUNOGEN:	Purified human immunoglobulin G (H/L)
CONCENTRATION:	$\geq 1.0$ 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( $\Delta$ Fc) constitute was $\geq 90\%$ of total protein, and the total immunoglobulin IgY+IgY( $\Delta$ 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. Similar specific reactions were observed when the antibody was tested by western blot assay.
TITER:	ELISA titer : $\geq 50000x$ ELISA titer is defined as the dilution of antibody (1mg/ml) sufficient to give a change in absorbance of <b>1.0</b> 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( $\Delta$ Fc) to Human immunoglobulin G(H/L) ( <b>D0106-2B</b> )

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