



GOOD BIOTECH CORP.

Website : www.good-biotech.com

E-mail : 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>Rabbit immunoglobulin G</b> —affinity purified, human serum adsorbed
CATALOG NUMBER	D5101-2H(0001)
HOST ANIMAL	Duck
DESCRIPTION:	IgY ( $\Delta$ Fc ) to rabbit IgG is developed in duck by using purified rabbit IgG as immunogen. Affinity purified IgY ( $\Delta$ Fc ) is purified by rabbit IgG coupling chromatography, and adsorption is performed by human serum coupling column. The product is supplied as a solution in 20mM MES( 2-( N-Morpholino )ethanesulfonic acid ), 0.14M sodium chloride, pH 5.8, containing 0.02% NaN <sub>3</sub> as a preservative.
IMMUNOGEN:	Purified rabbit immunoglobulin G
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 normal rabbit serum or IgG by Immunoelectrophoresis. Nothing was shown when the antibody reacted with human 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 <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. ELISA, Western Blot assay, Immunoelectrophoresis, Immunodiffusion assay <i>et al.</i>
RELATIVE PRODUCTS:	Duck IgY( $\Delta$ Fc) to Rabbit immunoglobulin G—affinity purified, human serum and mouse IgG adsorbed ( <b>D5101-2H(0001-7101)</b> )

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