



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 <i>Helicobacter pylori</i>
CATALOG NUMBER	D1905-2B
HOST ANIMAL	Duck
DESCRIPTION:	IgY(Δ Fc) to <i>Helicobacter pylori</i> is developed in duck by using <i>H. pylori</i> water extraction as immunogen. The antibody is purified from egg yolk. The product is supplied as a solution in 10mM phosphate buffer, 0.14M NaCl, pH 7.0, containing 0.02% sodium azide as preservative.
IMMUNOGEN:	<i>Helicobacter pylori</i> water extraction
CONCENTRATION:	≥ 10 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 $\geq 80\%$ of total protein, and the total immunoglobulin IgY+IgY(Δ Fc) 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:	N.A.
TITER:	ELISA titer : $\geq 1000x$ 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. ELISA, Western Blot assay, Immunoelectrophoresis, Immunodiffusion assay <i>et al.</i>
RELATIVE PRODUCTS:	Duck IgY(Δ Fc) to <i>Helicobacter pylori</i> —affinity purify (D1905-2D) Duck IgY and IgY(Δ Fc) to <i>Helicobacter pylori</i> urease (D1912-5B)

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