



GOOD BIOTECH CORP.

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ISO9001:2000/ISO13485:2003 & IVD GMP CERTIFIED

SPECIFICATION SHEET

PRODUCT:	Duck IgY and IgY(Δ Fc) to <i>Helicobacter pylori</i> urease
CATALOG NUMBER	D1912-5B
HOST ANIMAL	Duck
DESCRIPTION:	IgY and IgY(Δ Fc)to <i>Helicobacter pylori</i> is developed in duck by using <i>H. pylori</i> urease as immunogen. The antibody is purified from egg yolk. The product is supplied as a solution in 10mM phosphate buffer saline, 0.14M NaCl, pH 7.0, containing 0.02% sodium azide as preservative.
IMMUNOGEN:	<i>Helicobacter pylori</i> urease
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 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 : $\geq 5000x$ 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> (D1905-2B) Duck IgY(Δ Fc) to <i>Helicobacter pylori</i> —affinity purify (D1905-2D)

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