



GOOD BIOTECH CORP.

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ISO9001:2000/ISO13485:2003 & IVD GMP CERTIFIED

SPECIFICATION SHEET

PRODUCT:	Duck IgY(Δ Fc) to Human immunoglobulin G(H/L)
CATALOG NUMBER	D0106-2B
HOST ANIMAL	Duck
DESCRIPTION:	IgY (Δ Fc) to human IgG is developed in duck by using purified human IgG as immunogen. The antibody is purified from egg yolk. The product is supplied as a solution in 20mM MES (2- (N-Morpholino) ethanesulfonic acid) , pH 5.8, containing 0.1% NaN ₃ as a preservative.
IMMUNOGEN:	Purified human immunoglobulin G (H/L)
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:	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:	Gel double diffusion titer : 1 : ≥ 8 Gel double diffusion titer is defined as the dilution of 10mg/ml antibody sufficient to form a precipitate arc with 5 μ g antigen. The antibody determined here was applied 5 μ l per well. The result was visualized by coomassie blue.
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(H/L)–affinity purify (D0106-2D)

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