



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 Human transferrin —affinity purify
CATALOG NUMBER	D0105-2D
HOST ANIMAL:	Duck
DESCRIPTION:	IgY (Δ Fc) antibody to human transferrin is developed in duck by using purified human transferrin as immunogen. Affinity purified IgY (Δ Fc) is obtained by human transferrin coupling affinity chromatography. 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 ₃ as a preservative.
IMMUNOGEN:	Purified human serum transferrin
CONCENTRATION:	≥ 1.0 mg/ml, The concentration was determined by 280 nm by spectrophotometer, using 1.4 as the extinction coefficient
PURITY:	Determined by SDS-PAGE(blue stain), showing that the IgY(Δ Fc) constitute was $\geq 90\%$ of total protein, and the total immunoglobulin IgY + IgY(Δ Fc) constitute was $\geq 95\%$ of total protein.
STORAGE:	For continuous use, store at 0~5°C. For extended storage: -20°C. Repeated freezing and thawing is not recommended.
SPECIFICITY:	A single arc was shown by Immuno-electrophoresis while the antibody was reacting with part-pure transferrin and normal human serum. Similar specific reactions were observed when the antibody was tested by western blot assay.
TITER:	Becker titer : ≥ 2.0 mg/ml (antigen/antibody) The antibody determined here was supplied at concentration 10mg/ml.
APPLICATIONS:	Good to be used in immunoassay method e.g. TIA, ELISA, Immuno-electrophoresis, Western Blot assay, Immunodiffusion assay <i>et al.</i>
RELATIVE PRODUCTS:	Duck IgY(Δ Fc) to Human transferrin (D0105-2B) Rabbit serum to Human transferrin (R0105-0A) Rabbit IgG to Human transferrin—affinity purify (R0105-1D) Transferrin TIA (KT-0105-A) Transferrin Calibrator Set (CA-0105-A) Transferrin Control-L (CL-0105-A) Transferrin Control-M (CL-0105-B) Transferrin Control-H (CL-0105-C)

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