



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 ferritin —affinity purify
CATALOG NUMBER:	D0107-2D
HOST ANIMAL	Duck
DESCRIPTION:	IgY (Δ Fc) antibody to human ferritin is developed in duck by using purified human liver ferritin as immunogen. Affinity purified IgY (Δ Fc) is obtained by ferritin 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 liver ferritin
CONCENTRATION:	≥ 1.0 mg/ml, determined by absorbance at 280 nm, 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 Immunoelectrophoresis while the antibody was reacting with part-pure ferritin and normal human serum. 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 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. Immunoturbidimetry, ELISA, Western blot assay, Immunoelectrophoresis, Immunodiffusion assay <i>et al.</i>
RELATIVE PRODUCTS:	Duck IgY(Δ Fc) to Human ferritin (D0107-2B) Ferritin LIT Assay (7010) Ferritin Calibrator Set (7510) Ferritin Control-L (8011) Ferritin Control-H (8012)

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