



**GOOD BIOTECH CORP.**

Website : [www.good-biotech.com](http://www.good-biotech.com)

E-mail : [technical@good-biotech.com](mailto:technical@good-biotech.com)

38, 34<sup>th</sup> 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( $\Delta$ Fc) to <b>Human ferritin</b>
CATALOG NUMBER:	D0107-2B
HOST ANIMAL	Duck
DESCRIPTION:	IgY ( $\Delta$ Fc ) antibody to human ferritin is developed in duck by using purified human liver ferritin as immunogen. The antibody is purified from duck egg yolk. The product is supplied as a solution in 20mM MES ( 2- ( N-Morpholino ) ethanesulfonic acid ) , pH 5.8, containing 0.1% NaN <sub>3</sub> as a preservative.
IMMUNOGEN:	Purified human liver ferritin
CONCENTRATION:	$\geq 10$ 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( $\Delta$ Fc) constitute was $\geq 80\%$ of total protein; and the total immunoglobulin IgY+ IgY( $\Delta$ Fc) constitute was $\geq 90\%$ 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 ferritin and normal human serum. Similar specific reactions were observed when the antibody was tested by western blot assay.
TITER:	ELISA titer: $\geq 2000x$ ELISA titer is defined as the dilution of antibody ( 1mg/ml ) sufficient to give a change in absorbance of <b>1.0</b> 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, Immuno-electrophoresis, Immunodiffusion assay <i>et al.</i>
RELATIVE PRODUCTS:	Duck IgY( $\Delta$ Fc) to Human ferritin—affinity purify ( <b>D0107-2D</b> ) Ferritin LIT Assay ( <b>7010</b> ) Ferritin Calibrator Set ( <b>7510</b> ) Ferritin Control-L ( <b>8011</b> ) Ferritin Control-H ( <b>8012</b> )

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