



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 Cardiac Troponin I —affinity purified
CATALOG NUMBER	D0302-2D
HOST ANIMAL:	Duck
DESCRIPTION:	IgY (Δ Fc) antibody to human cTnI is developed in duck by using synthetic peptide as immunogen. Affinity purified IgY (Δ Fc) is purified by cTnI (peptide) coupling chromatography. The product is supplied as a solution in 10mM phosphate buffer, 0.14M sodium chloride, pH 7.4, containing 0.02% NaN ₃ as a preservative.
IMMUNOGEN:	synthetic peptide
CONCENTRATION:	≥ 1.0 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 $\geq 90\%$ 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:	This antibody specifically recognized recombinant human cTnI in western blot analysis.
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. Immunochromatography, ELISA, Immunoturbidimetry, Western blot assay <i>et al.</i>
RELATIVE PRODUCTS:	

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