



GOOD BIOTECH CORP.

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ISO9001:2000/ISO13485:2003 & IVD GMP CERTIFIED

SPECIFICATION SHEET

PRODUCT:	Duck IgY(Δ Fc) to Human serum albumin
CATALOG NUMBER	D0101-2B
HOST ANIMAL:	Duck
DESCRIPTION:	IgY (Δ Fc) to human albumin is developed in duck by using purified human albumin 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 serum albumin
CONCENTRATION:	≥ 10 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 $\geq 80\%$ 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 . Repeated freezing and thawing is not recommended.
SPECIFICITY:	A single arc was shown by Immuno-electrophoresis while the antibody was reacting with part-pure albumin and normal human serum. Similar specific reactions were observed when the antibody was tested by western blot assay.
TITER:	Becker titer : ≥ 1.0 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 serum albumin—affinity purify (D0101-2D) Rabbit antiserum to Human serum albumin (R0101-0A) Rabbit IgG to Human serum albumin—affinity purify (R0101-1D) Rabbit IgG to Human serum albumin (R0101-1E) Microalbumin TIA (5010) mAlb Calibrator Set (5511) mAlb Control-L (6011) mAlb Control-H (6012)

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