



**GOOD BIOTECH CORP.**

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**ISO9001:2000/ISO13485:2003 & IVD GMP CERTIFIED**

## SPECIFICATION SHEET

PRODUCT:	Duck IgY( $\Delta$ Fc) to <b>Human serum albumin</b> —affinity purify
CATALOG NUMBER	D0101-2D
HOST ANIMAL:	Duck
DESCRIPTION:	IgY ( $\Delta$ Fc ) antibody to human serum albumin is developed in duck by using purified human albumin as immunogen. Affinity purified IgY( $\Delta$ Fc )is obtained by human albumin 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 <sub>3</sub> as a preservative.
IMMUNOGEN:	Purified human serum albumin
CONCENTRATION:	$\geq 1.0$ 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( $\Delta$ Fc) constitute was $\geq 90\%$ of total protein, and the total immunoglobulin IgY+IgY( $\Delta$ 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 albumin and normal human serum. Similar specific reactions were observed when the antibody was tested by western blot assay.
TITER:	Becker titer : $\geq 3.0$ 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( $\Delta$ Fc) to Human serum albumin ( <b>D0101-2B</b> ) Rabbit antiserum to Human serum albumin ( <b>R0101-0A</b> ) Rabbit IgG to Human serum albumin—affinity purify ( <b>R0101-1D</b> ) Rabbit IgG to Human serum albumin ( <b>R0101-1E</b> ) Microalbumin TIA ( <b>5010</b> ) mAlb Calibrator Set ( <b>5511</b> ) mAlb Control-L ( <b>6011</b> ) mAlb Control-H ( <b>6012</b> )

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

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