



GOOD BIOTECH CORP.

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ISO9001:2000/ISO13485:2003 & IVD GMP CERTIFIED

SPECIFICATION SHEET

PRODUCT:	Duck IgY(Δ Fc) to Human beta-2-microglobulin
CATALOG NUMBER	D0202-2B
HOST ANIMAL:	Duck
DESCRIPTION:	IgY (Δ Fc) to human beta-2-microglobulin is developed in duck by using purified human B2M 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 beta-2-microglobulin
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 while the antibody was reacting with part-pure human beta-2-microglobulin by Immunoelectrophoresis. Nothing was shown when the antibody reacted with normal human serum. Similar specific reactions were observed when the antibody was tested by western blot assay.
TITER:	Becker titer : ≥ 0.1 mg/ml (antigen/antibody) The antibody determined here was supplied at concentration 10mg/ml.
APPLICATIONS:	Good to be used in immunoassay method e.g. Immunoelectrophoresis, Western Blot assay, Immunodiffusion assay, ELISA et al.
RELATIVE PRODUCTS:	Duck IgY(Δ Fc) to Human beta-2-microglobulin—affinity purify (D0202-2D) Rabbit serum to Human beta-2-microglobulin (R0202-0A) Rabbit IgG to Human beta-2-microglobulin—affinity purified (R0202-1D) Rabbit IgG to Human beta-2-microglobulin (R0202-1E) B2M LIT (KT-0202-A) B2M Calibrator Set (CA-0202-A) B2M Control-L (CL-0202-A) B2M Control-M (CL-0202-B) B2M Control-H (CL-0202-C)

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