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ISO9001:2000/ISO13485:2003 & IVD GMP CERTIFIED

SPECIFICATION SHEET

PRODUCT:	Duck IgY(Δ Fc) to Human immunoglobulin G(Fc fragment)
CATALOG NUMBER	D0103-2B
HOST ANIMAL	Duck
DESCRIPTION:	IgY (Δ Fc) to human IgG Fc is developed in duck by using purified human IgG Fc 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 immunoglobulin G Fc fragment
CONCENTRATION:	≥ 5 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 $\geq 80\%$ 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 . Repeating freezing and thawing is not recommended.
SPECIFICITY:	A single arc was shown while the antibody was reacting with part-pure human IgG or normal human serum by Immunoelectrophoresis. Similar specific reactions were observed when the antibody was tested by western blot assay.
TITER:	Gel double diffusion titer : 1 : ≥ 8 Gel double diffusion titer is defined as the dilution of 10mg/ml antibody sufficient to form a precipitate arc with 5 μ g antigen. The antibody determined here was applied 5 μ l per well. The result was visualized by coomassie blue.
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 immunoglobulin G(Fc fragment)—affinity purified, mouse IgG adsorbed (D0103-2H) Goat serum to Human Immunoglobulin G (Fc fragment) (G0103-0A) Rabbit serum to Human Immunoglobulin G (Fc fragment) (R0103-0A)

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