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ISO9001:2000/ISO13485:2003 & IVD GMP CERTIFIED

SPECIFICATION SHEET

PRODUCT:	Duck IgY(Δ Fc) to Human transferrin
CATALOG NUMBER	D0105-2B
HOST ANIMAL:	Duck
DESCRIPTION:	IgY (Δ Fc) to human transferrin is developed in duck by using purified human transferrin 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 transferrin
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(ΔFc) 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 transferrin 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 transferrin—affinity purify (D0105-2D) Rabbit serum to Human transferrin (R0105-0A) Rabbit IgG to Human transferrin—affinity purify (R0105-1D) Transferrin TIA (KT-0105-A) Transferrin Calibrator Set (CA-0105-A) Transferrin Control-L (CL-0105-A) Transferrin Control-M (CL-0105-B) Transferrin Control-H (CL-0105-C)

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