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ISO9001:2000/ISO13485:2003 & IVD GMP CERTIFIED

SPECIFICATION SHEET

PRODUCT:	Duck IgY(Δ Fc) to alpha-amylase
CATALOG NUMBER	D0701-2B
HOST ANIMAL:	Duck
DESCRIPTION:	IgY (Δ Fc) to alpha-amylase is developed in duck by using purified porcine alpha-amylase as immunogen. The antibody is purified from egg yolk. The product is supplied as a solution in 10mM phosphate buffer, 0.14M NaCl, pH 7.0, containing 0.02% NaN ₃ as a preservative.
IMMUNOGEN:	Alpha-amylase purified from porcine pancreas
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:	This antibody specifically recognized alpha-amylase in western blot analysis and ELISA
TITER:	ELISA titer: $\geq 1000x$ ELISA titer is defined as the dilution of antibody (1mg/ml) sufficient to give a change in absorbance of 1.0 at 450nm. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.
APPLICATIONS:	Good to be used in immunoassay method e.g. ELISA, Western Blot assay, Immunoelectrophoresis, Immunodiffusion assay <i>et al.</i>
RELATIVE PRODUCTS:	Duck IgY(Δ Fc) to alpha-amylase (D0703-2B)

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