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ISO9001:2000/ISO13485:2003 & IVD GMP CERTIFIED

SPECIFICATION SHEET

PRODUCT:	Duck IgY to Dermatophagoides pteronyssines
CATALOG NUMBER	D1701-1B
HOST ANIMAL	Duck
DESCRIPTION:	IgY to <i>Dermatophagoides pteronyssines</i> is developed in duck by using <i>Dermatophagoides pteronyssines</i> as immunogen. The antibody is purified from egg yolk. The product is supplied as a solution in 20mM MES (2- (N-Morpholino) ethanesulfonic acid) , 0.14M sodium chloride, pH 5.8, containing 0.1% NaN ₃ as a preservative.
IMMUNOGEN:	<i>Dermatophagoides pteronyssines</i> whole cell
CONCENTRATION:	≥ 1.0 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 total immunoglobulin IgY + IgY(ΔFc) constitute was ≥ 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:	N.A.
TITER:	ELISA titer : ≥ 20x 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 to <i>Dermatophagoides pteronyssines</i> —HRP conjugated (D1701-1I) Duck IgY(Δ Fc) to <i>Dermatophagoides pteronyssines</i> (D1701-2B) Duck IgY to <i>Dermatophagoides farinae</i> (D1702-1B) Duck IgY(Δ Fc) to <i>Dermatophagoides farinae</i> (D1702-2B)

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