



GOOD BIOTECH CORP.

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ISO9001:2000/ISO13485:2003 & IVD GMP CERTIFIED

SPECIFICATION SHEET

PRODUCT:	Rabbit IgG to Human Immunoglobulin E heavy chain (ϵ-chain) --affinity purify
CATALOG NUMBER	R0109-1D
HOST ANIMAL:	Rabbit
DESCRIPTION:	Antibody is developed in rabbit by using human IgE as immunogen. Affinity purified rabbit IgG to human IgE(ϵ) is obtained by human IgE coupling affinity chromatography. The product is supplied as a solution in 10mM phosphate buffer, 0.14M sodium chloride, pH 7.4, containing 0.02% NaN ₃ as a preservative.
IMMUNOGEN:	Purified human immunoglobulin E
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 IgG 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 human IgE and myeloma serum by Immunoelectrophoresis. Nothing was shown when the antibody reacted with human IgG (whole molecule).
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. Immunoturbidimetry, Immunoelectrophoresis, Immunodiffusion assay <i>et al.</i>

RELATIVE
PRODUCTS:

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