



GOOD BIOTECH CORP.

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ISO9001:2000/ISO13485:2003 & IVD GMP CERTIFIED

SPECIFICATION SHEET

PRODUCT:	Rabbit IgG antibody to Human CEA
CATALOG NUMBER	R0205-1E
HOST ANIMAL:	Rabbit
DESCRIPTION:	Anti-human CEA antibody is developed in rabbit by using purified human CEA as immunoge, and further purified by protein A 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 CEA
CONCENTRATION:	≥ 1.0 mg/ml, determined by absorbance at 280 nm and using 1.38 as the extinction coefficient
PURITY:	Determined by SDS-PAGE (blue stain) , showing that the IgG constitute was ≥ 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 part-pure human CEA by Immunoelectrophoresis. Nothing was shown when the antibody reacted with normal human serum. Similar specific reactions were observed when the antibody was tested by western blot assay.
TITER:	ELISA titer: ≥ 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, ELISA, Western blot assay, Immunoelectrophoresis, Immunodiffusion assay <i>et al.</i>
RELATIVE PRODUCTS:	Rabbit serum to Human CEA (R0205-0A)

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