

Product datasheet for **R1075BS**

Cholesterol Oxidase Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	Western blot: 1/500-1/5,000. Immunoprecipitation: 1/100. ELISA: 1/5,000-1/20,000. This product has been assayed against 1.0 µg of Cholesterol oxidase [microorganism] in a standard capture ELISA using peroxidase conjugated streptavidin and ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/4,000 to 1/20,000 of the reconstitution concentration is suggested.
Reactivity:	Bacteria
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Cholesterol oxidase from Streptomyces
Specificity:	This product detects Cholesterol oxidase (microorganism). Cross reactivity against Cholesterol oxidase from other sources is unknown. Immuno-electrophoresis give a single precipitin arc against anti-biotin, anti-goat serum as well as purified and partially purified Cholesterol oxidase [microorganism].
Formulation:	0.02 M Potassium phosphate, 0.15 M Sodium chloride, pH 7.2 Label: Biotin State: Purified State: Lyophilized purified Ig fraction Stabilizer: 10 mg/m BSA (immunoglobulin and protease free) Preservative: 0.01% (w/v) Sodium azide
Reconstitution Method:	Restore with 0.1 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer
Conjugation:	Biotin



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Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Cholesterol oxidases exist as both type I and type II oxidases and are implicated in bacterial pathogenesis. In addition, they are important as clinical reagents, potential larvicides, and tools in cell biology.
Synonyms:	Cholesterol oxidase, CHOD, EC 1.1.3.6