

Product datasheet for R1095BS

LPO Sheep 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 Lactoperoxidase [bovine milk] in a standard capture ELISA using peroxidase conjugated streptavidin and ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/1,000 to 1/6,000 of the reconstitution concentration is suggested.
Reactivity:	Bovine
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	Lactoperoxidase from bovine milk
Specificity:	This product detects bovine Lactoperoxidase. Cross reactivity against Lactoperoxidase from other sources is unknown. Immuno-electrophoresis give a single precipitin arc against anti-biotin, anti-sheep serum as well as purified and partially purified Lactoperoxidase [bovine milk].
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/ml 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.
Database Link:	Entrez Gene 280844 Bovine P80025
Synonyms:	LPO, SAPX, Lactoperoxidase, EC=1.11.1.7, Salivary peroxidase, SPO