

Product datasheet for **R1550BS**

Alanine aminotransferase 1 / ALT1 Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Western blot: 1/500-1/3,000. ELISA: 1/5,000-1/25,000. This antibody has been assayed against 1.0 µg of Alanine transaminase [pig heart] 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:	Porcine
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	Alanine transaminase (ALT) from pig heart
Specificity:	This antibody detects porcine alanine transaminase. Cross reactivity against alanine transaminase from other sources is unknown. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-sheep serum as well as purified and partially purified alanine transaminase [pig heart].
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:	Multistep process which includes 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. Dilute only prior to immediate use. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P13191
Background:	Alanine transaminase (ALT) is also referred to as Glutamic pyruvic transaminase (GPT).
Synonyms:	GPT, AAT1, GPT1