

## Product datasheet for R1550PS

### Alanine aminotransferase 1 / ALT1 Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>Western blot:</b> 1/500-1/3000. <b>ELISA:</b> 1/5000-1/25000. This antibody has been assayed against 1.0 µg of Alanine transaminase [pig heart] in a standard sandwich ELISA using peroxidase conjugated affinity purified anti-sheep IgG [H&L] (goat) and ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/2,000 to 1/8,000 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-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 State: Purified State: Lyophilized purified Ig fraction 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:	Unconjugated
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.



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**Database Link:** [P13191](#)

**Background:** Alanine transaminase (ALT) is also referred to as Glutamic pyruvic transaminase (GPT).

**Synonyms:** GPT, AAT1, GPT1

**Note:** Conjugates available. Please ask for details.