Product datasheet for R1062PS

Alpha-amylase Rabbit 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 antibody has been assayed against 1.0 µg of Alpha-amylase in a standard ELISA using peroxidase conjugated affinity purified anti-rabbit IgG (goat) and ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/20,000 to 1/100,000 of the reconstitution concentration is suggested.
Reactivity:	Bacillus amyloliquefacies
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Alpha-amylase from Bacillus amyloliquefaciens
Specificity:	This antibody detects Alpha-amylase (Bacillus amyloliquefaciens). Cross reactivity against Alpha-amylase from other tissues and species may occur but have not been specifically determined. Assay by immunoelectrophoresis resulted in a single precipitin arc against purified and partially purified Alpha Amylase from Bacillus amyloliquefaciens.
Formulation:	0.02 M Potassium phosphate, 0.15 M Sodium chloride, pH 7.2 State: Purified State: Liquid purified Ig fraction Preservative: 0.01% (w/v) Sodium azide
Concentration:	lot specific
Purification:	Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.

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Database Link: P00692

Background: Amylase catalyses the hydrolysis of internal 1,4 glucan links in large linear polymers at internal bonds. The enzyme is present in all living organisms with variable enzymatic activity.