

## Product datasheet for R1062BS

### Alpha-amylase Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	<b>Western blot:</b> 1/500-1/5,000. <b>Immunoprecipitation:</b> 1/100. <b>ELISA:</b> 1/5,000-1/20,000. This antibody has been assayed against 1.0 µg of Alpha-amylase 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:	Bacillus amyloliquefaciens
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 anti-peroxidase, anti-rabbit serum as well as purified and partially purified Alpha-amylase from Bacillus amyloliquefaciens.
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
Concentration:	lot specific
Purification:	Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer
Conjugation:	Biotin



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<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Database Link:</b>	<a href="#"><u>P00692</u></a>
<b>Background:</b>	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.