

Product datasheet for **R1149HRPS**

Glucoamylase 1 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Western blot: 1/1,000-1/5,000. ELISA: 1/10,000-1/40,000. This product has been assayed against 1.0 µg of Glucoamylase [Rhizopus] in a standard capture ELISA using ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/1,000 to 1/5,000 of the reconstitution concentration is suggested.
Reactivity:	Rhizopus
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Glucoamylase from Rhizopus
Specificity:	This antibody detects Rhizopus Glucoamylase. Cross reactivity against Glucoamylase from other sources is unknown. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-goat serum as well as purified and partially purified Glucoamylase from Rhizopus.
Formulation:	0.02 M Potassium phosphate, 0.15 M Sodium chloride, pH 7.2 Label: HRP State: Purified State: Lyophilized purified Ig fraction Stabilizer: 10 mg/ml BSA (immunoglobulin and protease free) Preservative: 0.01% (w/v) Gentamicin sulfate (Do NOT add Sodium azide!) Label: Horseradish peroxidase
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:	HRP



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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:	P07683
Background:	Glucoamylase is an important industrial enzyme used in saccharification steps in both starch enzymatic conversion and in alcohol production. The catalytic domain degrades oligosaccharides from the non reducing end, releasing glucose, and the starch domain binds the enzyme to raw starch and to the cell wall.
Synonyms:	Gluc 1