

Product datasheet for **TA396676S**

amyA Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	WB: 1:500 - 1:2,500 ELISA: 1:2,000 - 1:10,000
Reactivity:	Rhizopus
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Glucoamylase [Rhizopus]
Specificity:	Glucoamylase is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum as well as purified and partially purified Glucoamylase [Rhizopus]. Cross reactivity against Glucoamylase from other sources is unknown.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.0 mg/mL - lot specific
Conjugation:	HRP
Storage:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	P07683
Background:	Glucoamylase is an amylase that cleaves the last alpha-1,4-glycosidic linkages at the nonreducing end of amylase and amylopectin. It decomposes starch into glucose.

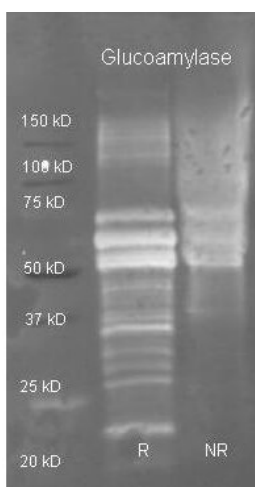


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Synonyms: goat anti-Glucoamylase Antibody HRP Conjugation, Peroxidase Conjugated goat anti-Glucoamylase Antibody, 1 4 alpha D glucan glucohydrolase antibody, Amyloglucosidase antibody, Gluc 1 antibody, Gluc 2 antibody, Gluc 3 antibody, Glucan 1 4 alpha glucosidase antibody, Glucan 14 alpha glucosidase antibody

Note: Anti-Glucoamylase peroxidase has been tested by ELISA and western blot. This product is assayed against 1.0 ug of Glucoamylase [Rhizopus] in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 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 for this product.

Product images:



Rockland Goat anti Glucoamylase antibody (100-101-234 lot 7844) was used to detect purified glucoamylase under reducing (R) and non-reducing (NR) conditions. Reduced samples of purified target proteins contained 4% BME and were boiled for 5 minutes. Samples of ~1ug of protein per lane were run by SDS-PAGE. Protein was transferred to nitrocellulose and probed with 1:3000 dilution of primary antibody (ON 4 C in MB-070). Detection shown was using Dylight 488 conjugated Donkey anti goat (605-741-125 lot 21094 1:10K in TBS/MB-070 1 hr RT) . Images were collected using the BioRad VersaDoc System