

OriGene Technologies, Inc.

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Product datasheet for R1149BS

Glucoamylase 1 Goat Polyclonal Antibody

Product data:

| Product Type:Primary AntibodiesApplications:ELISA. WBRecommended DilutionWestern blo: 1/500-1/3,000. ELISA: 1/5,000-1/25,000. This product has been assayed against 1.0 µg of Glucoamylase [Rhizopus] in a standard capture ELISA using peroxidase conjugated streptavidin and ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/15,000 to 1/75,000 of the reconstitution concentration is suggested.Reactivity:RhizopusHost:GoatClonality:OpylonalSpecificity:Giucoamylase from RhizopusSpecificity:Dis antibody detects Rhizopus Glucoamylase. Cross reactivity against Glucoamylase from saray by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti- goat serum as well as purified and partially purified Glucoamylase from Rhizopus.Formulation:Oi 20 M Potassium phosphate, 0.15 M Sodium chloride, pH 7.2 Label: Biotin State: Purified State: Purified State: Purified Slucoamylase from State: Purified Slucoamylase from State: 100 mg/ml BSA (immunoglobulin and protease free) Preservative: 0.01% (w/x) Sodium azideReconstitution MethodeRestore with 0.1 mil deionized water (or equivalent).Concentration:Giufidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the bufferConjugation:Biotin | | |
|--|-------------------------------|--|
| Recommended Dilution:Western blot: 1/500-1/3,000. ELISA: 1/5,000-1/25,000. This product has been assayed against 1.0 µg of Glucoamylase [Rhizopus] in a standard capture ELISA using peroxidase conjugated streptavidin and ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/15,000 to 1/75,000 of the reconstitution concentration is suggested.Reactivity:RhizopusHost:GoatClonality:PolyclonalImmunogen:Glucoamylase from RhizopusSpecificity: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-biotin, 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: Biotin State: Lyophillzed purified Ig fraction State: 2000/Millizer 10 mg/ml BSA (immunoglobulin and protease free) Preservative: 0.01% (w/v) Sodium azideReconstitution MethdeiRestore with 0.1 ml of deionized water (or equivalent).Concentration:Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer | Product Type: | Primary Antibodies |
| LISA: 1/5,000-1/25,000.This product has been assayed against 1.0 µg of Glucoamylase [Rhizopus] in a standard capture ELISA using peroxidase conjugated streptavidin and ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/15,000 to 1/75,000 of the reconstitution concentration is suggested.Reactivity:RhizopusHost:GoatClonality:PolyclonalImmunogen:Glucoamylase from RhizopusSpecificity: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-biotin, 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: Biotin State: Lupophilized purified Ig fraction State: Lupophilized purified Ig fraction Stabilizer: 10 mg/ml BSA (immunoglobulin and protease free) Preservative: 0.01% (w/v) Sodium azideReconstitution MethodeRestore with 0.1 ml of deionized water (or equivalent).Concentration:Id specificPurification:Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer | Applications: | ELISA, WB |
| Host:GoatClonality:PolyclonalImmunogen:Glucoamylase from RhizopusSpecificity: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-biotin, 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: Biotin State: Purified State: Lyophilized purified Ig fraction State: Lyophilized Purified State: Lyophilized State: Lyophilized Purified State: Lyophilized Purified State: Lyophilized Purified | Recommended Dilution: | ELISA : 1/5,000-1/25,000. This product has been assayed against 1.0 µg of Glucoamylase [Rhizopus] in a standard capture ELISA using peroxidase conjugated streptavidin and ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/15,000 to 1/75,000 of the |
| Clonality:PolyclonalImmunogen:Glucoamylase from RhizopusSpecificity: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-biotin, 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: Biotin | Reactivity: | Rhizopus |
| Immunogen:Glucoamylase from RhizopusSpecificity: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-biotin, 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: Biotin State: Purified State: Lyophilized purified Ig fraction Stabilizer: 10 mg/ml BSA (immunoglobulin and protease free) Preservative: 0.01% (w/v) Sodium azideReconstitution Method:Restore with 0.1 ml of deionized water (or equivalent).Concentration:Iot specificPurification:Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer | Host: | Goat |
| 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-biotin, 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: Biotin State: Purified State: Lyophilized purified Ig fraction State: Lyophilized purified Ig fraction Stabilizer: 10 mg/ml BSA (immunoglobulin and protease free) Preservative: 0.01% (w/v) Sodium azideReconstitution Method:Restore with 0.1 ml of deionized water (or equivalent).Concentration:Iot specificPurification:Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer | Clonality: | Polyclonal |
| other sources is unknown.Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, 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: Biotin State: Purified State: Lyophilized purified Ig fraction Stabilizer: 10 mg/ml BSA (immunoglobulin and protease free) Preservative: 0.01% (w/v) Sodium azideReconstitution Method:Restore with 0.1 ml of deionized water (or equivalent).Concentration:lot specificPurification:Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer | Immunogen: | Glucoamylase from Rhizopus |
| Label: BiotinState: PurifiedState: Lyophilized purified Ig fractionStabilizer: 10 mg/ml BSA (immunoglobulin and protease free)Preservative: 0.01% (w/v) Sodium azideReconstitution Method:Restore with 0.1 ml of deionized water (or equivalent).Concentration:lot specificPurification:Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer | Specificity: | other sources is unknown. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti- |
| Concentration:lot specificPurification:Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer | Formulation: | Label: Biotin State: Purified State: Lyophilized purified lg fraction Stabilizer: 10 mg/ml BSA (immunoglobulin and protease free) |
| Purification: Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer | Reconstitution Method: | Restore with 0.1 ml of deionized water (or equivalent). |
| dialysis against the buffer | Concentration: | lot specific |
| Conjugation: Biotin | Purification: | |
| | Conjugation: | Biotin |



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| | Glucoamylase 1 Goat Polyclonal Antibody – R1149BS |
|----------------|---|
| 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: | <u>P07683</u> |
| 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 |

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