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## Product Datasheet

### Luciferase Antibody Peroxidase Conjugated, HRP, Goat, Polyclonal BYT-ORB344241

Artikelname	Luciferase Antibody Peroxidase Conjugated, HRP, Goat, Polyclonal
Artikelnummer	BYT-ORB344241
Hersteller Artikelnummer	orb344241
Alternativnummer	BYT-ORB344241-100
Hersteller	Biorbyt
Wirt	Goat
Kategorie	Antikörper
Applikation	ELISA, WB
Immunogen	Luciferase [Photinus pyralis (Firefly)]
Konjugation	HRP
Produktbeschreibung	Luciferase antibody (Peroxidase)...
Klonalität	Polyclonal
Konzentration	1.0 mg/mL
Puffer	Preservative: 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!. Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free, Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Reinheit	This product 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 Luciferase [Photinus pyralis (Firefly)]. No reactivity is observed against Sea pansy (Renilla reniformis) luciferase.
Formulierung	Lyophilized
Application Verdünnung	ELISA: 1:2,000 - 1:30,000, WB: 1:500 - 1:2,000
Anwendungsbeschreibung	Application Notes: Anti-Luciferase Peroxidase conjugated antibody is produced from Photinus pyralis (Firefly) which produces a green light with a wavelength of 562 nm. Anti-Luciferase Peroxidase has been tested by ELISA and western blot. Expect a band at approximately 60.7 kDa in size corresponding to Luciferase by western blotting in the appropriate cell lysate or extract. Anti-Luciferase has been assayed against 1.0 ug of Luciferase [Photinus pyralis (Firefly)] in a standard capture ELISA using ABTS (2,2-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:50,000 to 1:200,000 of the reconstitution concentration is suggested for this product