

## Product Datasheet

### Urease Antibody Peroxidase Conjugated (orb344911)

<b>Catalog Number</b>	orb344911
<b>Description</b>	Urease antibody (Peroxidase)
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Plant
<b>Conjugation</b>	HRP
<b>Tested Applications</b>	DOT, ELISA, WB
<b>Immunogen</b>	Urease [Jack Bean]
<b>Preservatives</b>	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	1 mg/mL
<b>Storage</b>	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Note</b>	For research use only
<b>Application notes</b>	Anti-Urease peroxidase conjugated antibody has been tested by dot blot and is suitable to be assayed against 1.0 ug of Urease [Jack Bean] in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:500 to 1:2,000 of the reconstitution concentration is suggested for this product.

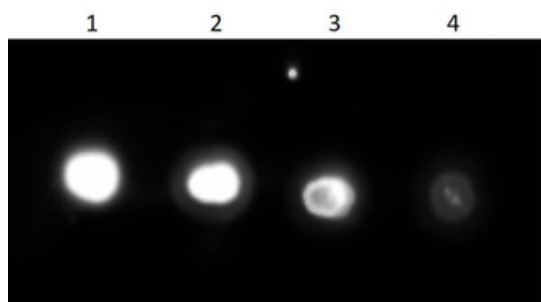
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<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Antibody Type</b>	Primary Antibody
<b>Purity</b>	Urease is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum as well as purified and partially purified Urease [Jack Bean]. Cross reactivity against Urease from other tissues and species may occur but have not been specifically determined.
<b>Uniprot ID</b>	<b>P07374</b>
<b>NCBI</b>	<b>AAA83831.1</b>
<b>Dilution Range</b>	ELISA: 1:500 - 1:2,000, WB: 1:500
<b>Expiration Date</b>	12 months from date of receipt.



Dot Blot Results of Rabbit Anti-Urease Antibody Peroxidase Conjugated. Urease (1) 33.33 ng, (2) 11.11 ng, (3) 3.70 ng, (4) 1.23 ng. Primary Antibody: Anti-Urease HRP at 1.0 µg/ml for 1hr at RT. Secondary Antibody: none. Blocking: BlockOut Buffer (orb348644) for 30 mins RT. Exposure: 5 secs.

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