

## Product Datasheet

### Urease antibody (Peroxidase) (orb344912)

## Description

Urease antibody (Peroxidase)

### Species/Host

Rabbit

### Reactivity

Plant

### Conjugation

HRP

### Tested Applications

DOT, ELISA, IP, WB

### Immunogen

Urease [Jack Bean]

### Preservatives

0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

### Form/Appearance

Liquid (sterile filtered)

### Concentration

1.0 mg/ml

### 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.

### Note

For research use only

### Application notes

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.

### Isotype

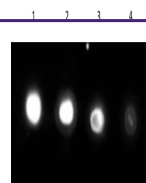
IgG

### Clonality

Polyclonal

### Purity

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



Dot Blot  
Results of  
Rabbit Anti-  
Urease A...

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### Dilution Range

ELISA: 1:500 - 1:2,000, IP: User Optimized, WB: 1:50 - 1:500