

Product datasheet for **TA397011S**

UREA_CANEN Rabbit Polyclonal Antibody

Product data:

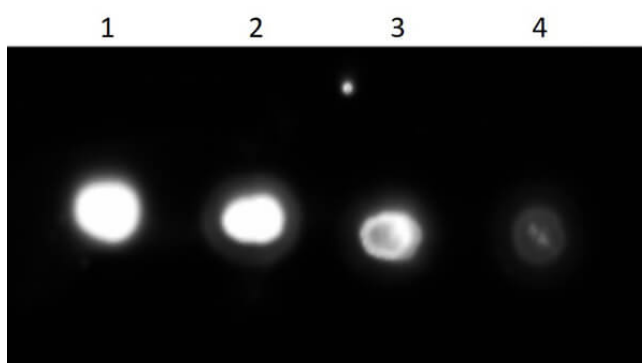
Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	WB: 1:50 - 1:500 ELISA: 1:500 - 1:2,000
Reactivity:	Canavalia ensiformis (Jack Bean)
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Urease [Jack Bean]
Specificity:	Urease is an IgG fraction antibody purified from monospecific 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.
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:	P07374
Background:	Urease is an enzyme involved in nitrogen metabolism. It catalyzes the hydrolysis of urea into carbon dioxide and ammonia.
Synonyms:	rabbit anti-Urease Antibody HRP Conjugation, Peroxidase Conjugated rabbit anti-Urease Antibody, Urea Amidohydrolase antibody



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Note: 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.

Product images:



Dot Blot Results of Rabbit Anti-Urease Antibody Peroxidase Conjugated. Urease (1) 33.33ng, (2) 11.11ng, (3) 3.70ng, (4) 1.23ng. Primary Antibody: Anti-Urease HRP at 1.0µg/mL for 1hr at RT. Secondary Antibody: none. Blocking: BlockOut Buffer (MB-073) for 30mins RT. Exposure: 5 secs.