

Product datasheet for **TA397061S**

UREA_CANEN Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	WB: 1:500 - 1:5,000 ELISA: 1:5,000 - 1:20,000
Reactivity:	Canavalia ensiformis (Jack Bean)
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Urease [Jack Bean]
Specificity:	Anti-Urease antibody 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-Biotin, anti-Rabbit Serum as well as purified and partially purified Urease [Jack Bean]. Cross reactivities against Urease from other sources 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:	Biotin
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



[View online »](#)

- Background:** Urease is a protein that is commonly secreted from the bacterium *H. Pylori* and is integral to the immune response within the gastric system. Urease carries out a key enzymatic reaction in converting urea into free ammonia and carbonic acid. Urease is commonly derived from the Jack Bean plant in scientific research as the amino acid sequences are highly conserved between species and it is an abundant source of the protein. Anti-Urease Antibody is ideal for investigators in Immunology, Enzymology, and Cell Biology research.
- Synonyms:** rabbit anti-Urease Antibody biotin Conjugation, biotin Conjugated rabbit anti-Urease Antibody, Urea Amidohydrolase antibody
- Note:** Anti-Urease biotin conjugated antibody has been tested by ELISA and western blot. This product is assayed against 1.0 ug of Urease in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and 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 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.