

Product datasheet for R1117

Urease Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	Suitable for Immunoblotting (Western or Dot blot), ELISA, Immunoprecipitation and most immunological methods requiring high titer and specificity. <i>Recommended Dilutions:</i> ELISA: 1/5,000-1/20,000. Western Blot: 1/500-1/5,000. Immunoprecipitation: 1/100. <i>Note:</i> This product has been assayed against 1.0 µg of Urease [Jack Bean] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1/1,000 to 1/3,000 of the reconstitution concentration is suggested for this product.
Reactivity:	Jack Bean
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Urease [Jack Bean].
Specificity:	Assay by Immunoelectrophoresis resulted in a single precipitin arc against 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:	0.01M Sodium Phosphate, 0.14M Sodium Chloride, pH 7.4 State: Serum State: Lyophilized Antiserum Stabilizer: None Preservative: 0.01% Sodium Azide
Reconstitution Method:	Restore with 2.0 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Prepared from monospecific antiserum by a Delipidation and Defibrination
Conjugation:	Unconjugated



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Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P07374
Background:	Urease is a protein that is commonly secreted from the bacterium <i>H. Pylori</i> 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:	Urea amidohydrolase