

Product datasheet for **R1117A**

Urease Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ID, IF, IP, R, WB
Recommended Dilution:	This product is intended for use in precipitating and non-precipitating antibody-binding assays (such as e.g., ELISA and Western blotting and Immunofluorescence or Histochemical techniques), to prepare an insoluble immuno-affinity adsorbent, for labelling with a marker of choice. <i>Recommended Dilutions:</i> Non-precipitating antibody-binding techniques: 1/1,000-1/30,000.
Reactivity:	Jack Bean
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Urease is isolated and purified from Jack beans. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	Urease from Jack beans. The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: Immunoelectrophoresis, Cross-Immunoelectrophoresis, Single Radial Immunodiffusion (Ouchterlony), block titration, ELISA, Immunoblotting and Enzyme Inhibition. Cross-reactivity Cross-reactivities against enzymes of other sources may occur but have not been determined.
Formulation:	PBS, pH 7.2 without preservatives and foreign proteins State: Azide Free State: Lyophilized purified hyperimmune IgG fraction
Reconstitution Method:	Restore by adding 1 ml of sterile distilled water
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography
Conjugation:	Unconjugated



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Storage:	<p>Prior to reconstitution store at 2-8°C.</p> <p>Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.</p> <p>Avoid repeated freezing and thawing.</p>
Stability:	<p>Shelf life: one year from despatch.</p>
Database Link:	<p>P07374</p>
Background:	<p>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.</p>
Synonyms:	<p>Urea amidohydrolase</p>