

## Product datasheet for **TA396998**

### DL D Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	<b>WB:</b> 1:500 - 1:5,000 <b>ELISA:</b> 1:5,000 - 1:20,000
Reactivity:	Porcine
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Lipoamide Dehydrogenase [Porcine Heart]
Specificity:	Lipoamide Dehydrogenase 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 Lipoamide Dehydrogenase [Porcine Heart]. Cross reactivity against Lipoamide Dehydrogenase from other sources is unknown.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Method:	Restore with deionized water (or equivalent) - Reconstitution Volume: 100 µL
Concentration:	1.0 mg/mL - lot specific
Conjugation:	HRP
Storage:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	<a href="#">P09623</a>
Background:	Lipoamide Dehydrogenase encodes the L protein of the mitochondrial glycine cleavage system. Mutations in this gene have been identified in patients with E3-deficient maple syrup urine disease and lipoamide dehydrogenase deficiency.



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**Synonyms:** rabbit anti-Lipoamide Dehydrogenase Antibody Peroxidase Conjugation, HRP Conjugated rabbit anti-Lipoamide Dehydrogenase Antibody, Dihydrolipoyl dehydrogenase mitochondrial, Dihydrolipoamide dehydrogenase, Lipoamide Dehydrogenase

**Note:** Anti-Lipoamide Dehydrogenase Peroxidase Conjugated Antibody has been tested by ELISA and Western blot and is assayed against 1.0 ug of Lipoamide Dehydrogenase [Porcine Heart] 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 1:2,000 to 1:10,000 of the reconstitution concentration is suggested for this product.