

Product datasheet for R1098

LYZ Rabbit Polyclonal Antibody

Product data:

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| 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. <u>Recommended Dilutions:</u> ELISA: 1/5,000-1/20,000. Western Blot: 1/500-1/5,000. Immunoprecipitation: 1/100. <u>Note:</u> This product has been assayed against 1.0 µg of Lysozyme [Hen Egg White] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) cat. no. R1364HRP and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1/2,000 to 1/12,000 of the reconstitution concentration is suggested for this product. |
| Reactivity: | Chicken |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | Lysozyme [Hen Egg White] |
| Specificity: | This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against purified and partially purified Lysozyme [Hen Egg White]. Cross reactivity against Lysozyme 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, containing 0.01% (w/v) Sodium Azide. State: Serum State: Lyophilized serum |
| Reconstitution Method: | Restore with 2.0 ml of deionized water (or equivalent). |
| Concentration: | lot specific |
| Conjugation: | Unconjugated |



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| Storage: | Store vial at 2-8°C prior to restoration. Restore with deionized water or equivalent; centrifuge product if not completely clear after standing at room temperature. This product is stable for one month at 2-8°C as an undiluted liquid. For extended storage add glycerol to 50% and then aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing. Dilute only prior to immediate use. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | lysozyme (renal amyloidosis) |
| Database Link: | Entrez Gene 396218 Chicken P00698 |
| Background: | Lysozyme catalyzes the hydrolysis of certain mucopolysaccharides of bacterial cell walls. Specifically, it catalyzes the hydrolysis of the bacterial cell wall beta glycosidic linkages between N acetylmuramic acid and N acetylglucosamine. It is found in spleen, lung, kidney, white blood cells, plasma, saliva, milk, and tears. |
| Synonyms: | LYZ, LZM |