

DATA SHEET
Lysozyme conjugated with Biotin

Catalog number: AR-6637-11

Size: 1 ml **Concentration:** 5 mg/ml

Buffer: 10 mM PO₄, 150 mM NaCl, 0.05% azide, pH 6.2

Description: Lysozyme is a 14.4 kDa enzyme damages bacterial cell walls by catalyzing hydrolysis of 1,4-beta-linkages between N-acetylmuramic acid and N-acetyl-D-glucosamine residues in a peptidoglycan and between N-acetyl-D-glucosamine residues in chitodextrins. It is abundant in a number of secretions, such as tears, saliva, and mucus. Lysozyme is also present in Cytoplasmic granules of the polymorphonuclear neutrophil (PMN). Large amounts of lysozyme can be found in egg whites.

Host: Lysozyme is purified from egg whites with a specific activity greater than 20.000 units per mg.

Reagent: Concentrated lysozyme conjugated with caproyl biotin.

Storage: 2-8°C

Molecular weight of lysozyme conjugated with Biotin: ~14.5 kDa

Limitation and warranty: Our warranty is limited to the actual price paid for the product. We are not liable for any property damage, personnel injury, time, effort or economic loss due to our product.

MSDS: This product contains 0.05 % sodium azide as a preservative, appropriate care should be taken in handling. National Institute of Occupational Safety and Health has warning that sodium azide can react with lead, copper, brass or solder in the plumbing system and forms hydrazoic acid in acidic condition. Discard with copious amount of water. Avoid skin and eye contact with all laboratory products. Use appropriate lab. gear, lab coat , gloves and safety glasses. Do not ingest any lab. products. This product is not approved for administration in human or animals.

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