

## LYZ/Lysozyme, Human Native

<b>Catalog No.</b>	CSI14815A CSI14815B	<b>Quantity:</b>	100 µg 1.0 mg
<b>Description:</b>	Native human lysozyme has a MW = 17 kDa. Lysozyme occurs in specific granules of human polymorphonuclear leukocytes and takes part in the antibacterial activity of the leukocytes. It hydrolyzes beta-1,4 links between N-acetylmuramic acid or 2-acetamido-2deoxy-D-glucose residues in mucopolysacchride, mucopolypeptide or chitin.		
<b>Source:</b>	Human blood		
<b>Formulation:</b>	Liquid if 100 µg vial; Lyophilized from 50 mM Na acetate, pH 6.0 with 100 mM NaCl if 1.0 mg vial.		
<b>Purity:</b>	>= 95% by SDS-PAGE		
<b>Biological Activity:</b>	30,000 Sugar units per mg. One unit is defined as the amount of enzyme that digest powdered cells of <i>Micrococcus lysodeikticus</i> , causing a decrease in absorbency of 0.001 per minute at 37°C, pH 7.0.		
<b>Certification:</b>	Prepared from whole blood shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.		

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