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来自化脓性链球菌的链球菌溶血素O

单位定义	一单位将导致2%红细胞悬液在磷酸缓冲液(pH 7.4)中37 °C孵育30 min后发生50%溶解
生化机理	可透过动物细胞膜、由巯基活化的毒素。该蛋白作为单体与膜胆固醇结合，随后聚合成 >12 nm 孔隙周围的大弧形和环形结构。 Streptolysin O possesses a single polypeptide chain with a molecular weight of 62 kDa. Streptolysin O binds to membrane cholesterol and oligomerizes to create a ring structure that consists of 45 to 50 units. The ring structure inserts into the membrane to make a large pore (25 to 30 nm), which DNA, RNA, peptides and proteins may pass. It is thiol-activated. It is inhibited by allicin, an active component of garlic.
储存温度	2-8°C储存
产品介绍	Description Used to create holes (reversible pores) in cholesterol-enriched plasma membranes of eukaryotic cells allowing selective permeabilization with molecules such as proteins (up to 100 kDa) and siRNAs. Streptolysin O is a toxin secreted by Streptococcus pyogenes and is a prototype member of pore-forming bacterial cytolytic toxins. It is used to permeabilize cell membranes to permit cellular uptake of large or charged molecules. It is used to study macromolecule delivery. It is a potential anticancer agent and is used to study suicide cancer gene therapy. Permeabilizes membranes to permit cellular uptake of large or charged molecules.