



Hyaluronidase

Item Number	rAP-1337
Synonyms	Hyaluronidase-1, EC 3.2.1.35, Hyal-1, Hyaluronoglucosaminidase-1, LUCA-1.
Description	Hyaluronidase is an enzyme that temporarily and reversibly breaks down the polysaccharide, hyaluronic acid, which is found between the cells of connective tissue. Hyaluronic acid may be thought of as the "glue" that holds cells together. Hyaluronic acid is a mucopolysaccharide that exists in the human tissue matrix. It
Uniprot Accesion Number	
Amino Acid Sequence	
Source	Bovine Testis.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Hyaluronidase although although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Hyaluronidase should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	The enzyme was lyophilized 1xPBS and 2% sucrose.
Application	
Solubility	It is recommended to reconstitute the lyophilized Hyaluronidase in sterile 18MΩ-cm H ₂ O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**