

Dextran T500 (MW 500,000)

Cat. No.:	HY-112624P	
CAS No.:	9004-54-0	
Molecular Formula:	(C ₆ H ₁₀ O ₅) _n	
Target:	Biochemical Assay Reagents	Dextran T500 (MW 500,000)
Pathway:	Others	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description	Dextran T500 MW 500,000 (Dextran 500; Dextran D500; Dextran T500 MW 440000-560000) is a polymer of anhydroglucose with the average molecular weight of 500,000. Dextran T500 MW 500,000 exhibits good biodegradability and good biocompatibility, that is utilized in food, pharmaceuticals, cosmetics, and research area ^[1] .
In Vitro	Dextran T500 MW 500,000 is used in medical industry as extender, anticoagulant, antithrombotic, osmotic agent, and intravenous plasma lubricant; in addition, it is used as a cryopreservative for vaccines and organs ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Díaz-Montes E. Dextran: sources, structures, and properties[J]. Polysaccharides, 2021, 2(3): 554-565.

[2]. Bhavani A L, Nisha J. Dextran—the polysaccharide with versatile uses[J]. Int J Pharm Biol Sci, 2010, 1(4): 569-573.

Caution: Product has not been fully validated for medical applications. For research use only.

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