

Specification

Streptavidin ultrapure

A1495

Product Code:	A1495
Product Name:	Streptavidin ultrapure
Short Description:	additional product description: purified by Affinity chromatography salt-free
Specifications:	Activity: 1 mg binds 15 µg Biotin
WGK:	1
Storage:	2-8°C
Origin:	recombinant production in <i>E. coli</i>
M:	~60000 g/mol
CAS:	9013-20-1
CS:	35040090
Comment	Streptavidin is a non-glycosylated biotin binding protein. The immobilisation of streptavidin to a matrix allows the simple purification of biotinylated molecules. It sticks better to plastic than to glass surfaces. Streptavidin is frequently dissolved in water or 0.1 M sodium bicarbonate. The concentration of the stock solution ranges from 0.1 mg to 10 mg/ml. Addition of sodium chloride increases the solubility. Unit definition: One unit of streptavidin will bind 1 µg of biotin.
Bibliography	(1) Haeuptle, M.-T. <i>et al.</i> (1983) <i>J. Biol. Chem.</i> 258 , 305-314 Binding sites for lactogenic and somatogenic hormones from rabbit mammary gland and liver\; Their purification by affinity chromatography and their identification by immunoprecipitation and photoaffinity labeling.

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