



SIZE EXCLUSION CHROMATOGRAPHY

TECHNICAL SPECIFICATIONS PLAIN Agarose Bead Standard

PRODUCT	2% B Agarose Bead Standard (50 – 150 µm)	4% B Agarose Bead Standard (50 – 150 µm)	6% B Agarose Bead Standard (50 – 150 µm)	8% B Agarose Bead Standard (50 – 150 µm)	10% B Agarose Bead Standard (50 – 150 µm)
CAT. No.	A-1020S-X	A-1040S-X	A-1060S-X	A-1080S-X	A-1100S-X
BEAD GEOMETRY & SIZE	Spherical ~50 – 150 µm				
BEAD MEAN DIAMETER (d_{50v})	~ 90 µm				
CROSSLINKED	No				
AGAROSE %	2%	4%	6%	8%	10%
CHEMICAL STABILITY	Stable in moderate acid and basic solutions				
pH STABILITY WORKING RANGE	4 - 9				
pH STABILITY CLEANING IN PLACE (CIP)	4 - 9				
LINEAR RECOMMENDED FLOW RATE	< 10 cm/h	< 11.5 cm/h	< 14 cm/h	< 18 cm/h	< 24 cm/h
FRACTIONATION (MW) GLOBULAR PROTEINS Da	7×10^4 - 40×10^6	7×10^4 - 2×10^7	1×10^4 - 4×10^6	1×10^4 - 1.5×10^6	1×10^4 - 1×10^6
EXCLUSION LIMIT Da	$>40 \times 10^6$	$>2 \times 10^7$	$> 4 \times 10^6$	$>1.5 \times 10^6$	$>1 \times 10^6$
ANTIMICROBIAL AGENT	20% Ethanol				
STORAGE TEMPERATURE	2 – 30°C				

X: Product quantity. 500 ml, 1 L or 10 L.

For laboratory use only. Not for use in diagnostic or therapeutic procedures.

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