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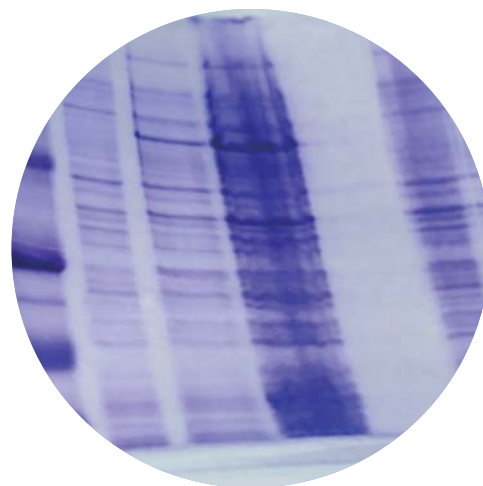


For laboratory use only. Not for use in diagnostic or therapeutic procedures.



Your choice beads

Plain & Crosslinked Agarose Beads



Agarose is a very inert polysaccharide which forms hydrophilic and high gel strength gels at low concentrations.

Agarose Beads are microspheres of agarose gels with different particle diameters and concentrations. Small spherical particles of agarose act as a porous gel to filter or separate a mixture of molecules according to their individual sizes. Due to its chemical structure (easy to activate), the agarose beads may be prepared to bind biomolecules in a reversible or irreversible manner.

Plain and crosslinked agarose beads are used in Gel Filtration Chromatography (or Molecular Exclusion Chromatography) as well as for activating beads for biomolecule purification or immobilization.

Plain and cross-linked agarose beads can also be used for activating processes,

generating active groups inside its pores capable of reversible or irreversible biomolecule bonds. Due to the bead's large internal surface and to its composition (inert polysaccharide), agarose is an ideal medium for the preparation of activated beads.

ABT offers a wide range of plain and crosslinked agarose beads with different agarose concentrations (2, 4, 6, 8% & 10%) in different particle size distributions.

- The widest range of different agarose concentrations.
- Different pore sizes.
- Broad fractionation range.
- Crosslinked (autoclavable).
- Excellent chemical and physical stability.
- Negligible non specific adsorption.
- For batch or column procedures.
- Three different particle sizes.



TECHNICAL SPECIFICATIONS

	PLAIN AGAROSE BEADS					CROSSLINKED AGAROSE BEADS				
BEAD (Geometry, size)	Spherical					Spherical				
CROSS-LINKED	No					Yes				
CHEMICAL STABILITY	Stable in strong acid and basic solutions ⁽¹⁾					Stable in very strong acid and basic solutions and also in dissociating reagents ⁽¹⁾				
MECHANICAL STABILITY	Suitable and comparable to commercial counterparts									
AGAROSE %	2%	4%	6%	8%	10%	2%	4%	6%	8%	10%
ANTIMICROBIAL AGENT	20% Ethanol					20% Ethanol				
STORAGE TEMPERATURE	2 - 25°C					2 - 25°C				

PLAIN BEADS	BEAD SIZE *	CAT. No.	CROSSLINKED BEADS	BEAD SIZE *	CAT. No.
2% B AGAROSE BEAD	STANDARD	A-1020S-X	2% CL AGAROSE BEAD	STANDARD	A-1021S-X
	MACRO	A-1020M-X		MACRO	A-1021M-X
4% B AGAROSE BEAD	STANDARD	A-1040S-X	4% CL AGAROSE BEAD	STANDARD	A-1041S-X
	MACRO	A-1040M-X		MACRO	A-1041M-X
	FINE	A-1040F-X		FINE	A-1041F-X
6% B AGAROSE BEAD	STANDARD	A-1060S-X	6% CL AGAROSE BEAD	STANDARD	A-1061S-X
	MACRO	A-1060M-X		MACRO	A-1061M-X
	FINE	A-1060F-X		FINE	A-1061F-X
8% B AGAROSE BEAD	STANDARD	A-1080S-X	8% CL AGAROSE BEAD	STANDARD	A-1081S-X
	MACRO	A-1080M-X		MACRO	A-1081M-X
10% B AGAROSE BEAD	STANDARD	A-1100S-X	10% CL AGAROSE BEAD	STANDARD	A-1101S-X
	MACRO	A-1100M-X		MACRO	A-1101M-X

X: Product Quantity (125, 250, 500 or 1000 ml). Larger amounts available on request.

* STANDARD: 50-150µm; MACRO: 200-350µm; FINE: 20-50µm. ⁽¹⁾ See stability table in Plain & Crosslinked Agarose Beads Procedure for Use.