



Park Scientific Limited 24 Low Farm Place Moulton Park Northampton NN3 6HY
 Tel 01604 646495 : Fax 01504 648241 : email info@parksscientific.com
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Agarose

Cat No.	Agarose Type	
1031	HAS	<p>For rocket and crossed immunoelectrophoresis, immunodiffusion techniques (SRI, RID) and other immunoelectrophoretic applications. Immuno-electrophoretic techniques involving gels containing antibodies are best performed at pH 8.6 using an Agarose in which the electroendosmosis has been carefully standardised to minimise the migration of incorporated antibodies. Using Agarose type HSA. The migration of Human IgG and IgA is Zero at pH8.6.</p>
1032	HSB	<p>For protein electrophoresis; immunoelectrophoresis, immunodiffusion techniques, and zone electrophoresis. Recommended for most types of protein and immunoelectrophoresis, in which low to medium range of electroendosmosis (EEO) is required.</p>
1034	HSIF	<p>For isoelectric focusing (IEF) and isotachopheresis. Designed to be free of electroendosmosis, which makes it ideal for isoelectric focusing (IEF) with ampholytes of all pH ranges. HSIF is also recommended for isotachopheresis.#</p>
1035 1036 1037	LSA LSL LSM	<p>For protein electrophoresis; immunoelectrophoresis, counter immunoelectrophoresis, separation of other macromolecules and microparticles, and bead manufacture. Recommended for most types of protein electrophoresis and immunoelectrophoresis. The Three types of LS Agarose's differing in electroendosmosis (EEO) can be mixed in any ratio to obtain intermediate EEO values.</p> <p>Agarose type LSA -a high EEO, low gelling temperature Agarose type LSM -a medium EEO, low gelling temperature Agarose type LSL -a low EEO gelling temperature</p>
1038	LSL-DNA	<p>For preparative and analytical separation of nucleic acids. Litex LSL-DNA Agarose is ideally suited for electrophoresis of nucleic acids. It is a high purity agarose extracted from the Gelidium species of seaweed and is characterised by a low sulphate content.</p>
1039	PGP	<p>General Purpose An economical grade of Agarose intended for general purpose applications where premium quality is not required.</p>
3184	Sm - DNA	<p>For preparative and analytical separation of nucleic acids < 1000 bp. Offers very fine and consistent resolution of nucleic acid fragments below 1000 bp. The Agarose is capable of separating DNA or RNA fragments, which only differ with few a basepairs.</p>



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Agarose	Electroendosmosis,	Sulphate %	Gel strength g/cm ²	Gelling Temp °C(1.5%)
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Protein Applications

LSA	0.23 – 0.27	Max 0.60	Min 1500	34 – 37
LSM	0.15 – 0.19	Max 0.20	Min 1800	34 – 37
LSL	0.08 – 0.13	Max 0.10	Min 2000	34 – 37
HAS	0.12 – 0.14	Max 0.45	Min 1400	40 – 43
HSB	0.074 – 0.12	Max 0.30	Min 1800	40 – 43
HSC	0.01 – 0.03	Max 0.30	Min 1000	40 - 43
HSIF	Below detection	Max 0.20	Min 500	

Nucleic Acid Applications

LSL – DNA	0.074 – 0.11	Max 0.09	Min 2200	34 – 37
SMALL DNA	0.06 – 0.14	Max 0.10	Min 1000	29 – 33
LOW MELT	0.05 – 0.14	Max 0.10	Min 400	Max 31
HSE	0.04 – 0.07	Max 0.25	Min 2200	40 - 43

Bead Manufacture

HSB – LV	0.06 – 0.12	Max 0.30	Min 1000	40 – 43
LSL	0.08 – 0.13	Max 0.10	Min 2000	34 - 37



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Agarose

Cat No.		Pack size
1031	Agarose HSA	25g 100g 250g 500g
1032	Agarose HSB	25g 100g 250g 500g
1033	Agarose HSC	25g 100g 250g 500g
1034	Agarose HSIF	10g
1035	Agarose LSA	25g 100g 250g 500g
1036	Agarose LSL	25g 100g 250g 500g
1037	Agarose LSM	25g 100g 250g 500g

E&OE

Please contact Park Scientific Limited for price & availability
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