

Low Melt and GTG[®] Agarose

When only the best is good enough



Lonza GTG[®] (Genetic Technology Grade™) Agarose and Low Melt Agarose mark the difference between good and superior grades. They are the agarose products of choice for nucleic acid recovery experiments (cutting a slice of agarose out of a gel and extracting the nucleic acid) or for in-gel procedures (nucleic acid reactions in the presence of agarose, such as in-gel cloning, in-gel PCR and in-gel sequencing).

Lonza GTG[®] Agaroses are tested for performance in recovery, in-gel reactions and downstream enzymatic applications, like DNA and RNA digestion, DNA ligation and transformation. They are guaranteed to be free of DNase, RNase and DNA binding activity.

SeaKem[®] GTG[®] Agarose

- Performance tested and certified for recovery, digestion, and ligation
- Wide resolution range for most electrophoresis and cloning 100 bp – 23 kb

NuSieve[®] GTG[®] Agarose

- Performance certified low melt agarose for PCR and RT-PCR
- 10 bp resolution of fragments 50 bp – 1 kb

SeaPlaque[®] Agarose

- Wide separation range for any low melt application 200 bp – 25 kb
- Ideal for DNA and RNA recovery, cloning of tissue culture cells, and viral plaque assays

SeaPlaque[®] GTG[®] Agarose

- Confidently re-amplify, clone, digest and sequence in the presence of re-melted agarose, without additional purification steps
- Optimal size range for DNA and RNA recovery 200 bp – 25 kb

GTG[®] and Low Melting Temperature Agarose

SeaKem[®] GTG[®] Agarose



- Performance tested and certified for recovery, digestion, and ligation
- Wide resolution range for most electrophoresis and cloning 100 bp – 23 kb

Ordering Information

Cat. No.	Description	Size
50071	SeaKem [®] GTG [®]	25 g
50070	SeaKem [®] GTG [®]	125 g
50074	SeaKem [®] GTG [®]	500 g

NuSieve[®] GTG[®] Agarose



- Performance certified low melt agarose for PCR and RT-PCR
- 10 bp resolution of fragments 50 bp – 1 kb

Ordering Information

Cat. No.	Description	Size
50081	NuSieve [®] GTG [®]	25 g
50080	NuSieve [®] GTG [®]	125 g
50084	NuSieve [®] GTG [®]	500 g

SeaPlaque[®] Agarose



- Wide separation range for any low melt application 200 bp – 25 kb
- Ideal for DNA and RNA recovery, cloning of tissue culture cells, and viral plaque assays

Ordering Information

Cat. No.	Description	Size
50101	SeaPlaque [®]	25 g
50100	SeaPlaque [®]	125 g

SeaPlaque[®] GTG[®] Agarose



- Confidently re-amplify, clone, digest and sequence in the presence of re-melted agarose, without additional purification steps
- Optimal size range for DNA and RNA recovery 200 bp – 25 kb

Ordering Information

Cat. No.	Description	Size
50111	SeaPlaque [®] GTG [®]	25 g
50110	SeaPlaque [®] GTG [®]	125 g

β-Agarase

- Recovers DNA and RNA from low melting temperature agarose
- Will completely digest the polysaccharide backbone of molten agarose

Ordering Information

Cat. No.	Description	Size
58001	β-Agarase	100 units
58005	β-Agarase	500 units

Contact Information

North America

Customer Service: 800-638-8174
Scientific Support: 800-521-0390
E-mail: scientific.support@lonza.com
Online Ordering: www.lonza.com

Europe

Customer Service: 00 32 87 321 611
Cell Discovery
Scientific Support: 00 49 221 99199 400
E-mail: scientific.support.eu@lonza.com
Molecular Biology, RTS & Media
Scientific Support: 00 32 87 321 611
E-mail: scientific.support.eu@lonza.com
Online Ordering: www.lonza.com

International

Contact your local Lonza Distributor
Customer Service: 301-898-7025, ext. 2322
Fax: 301-845-8291
E-mail: scientific.support@lonza.com

International Offices

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Belgium	00 32 87 321 611
Brazil	55 11 2069 8800
Denmark	45 43 56 74 00
France	0800 91 19 81
Germany	0800 182 52 87
India	91 22 4342 4000
Italy	0039 0363 45710
Japan	81 3 5566 0612
Poland	48 22 833 87 45
Singapore	65 64914214
Spain	34 902 531 366
Sweden	020 140 4410
Switzerland	0800 83 86 20
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