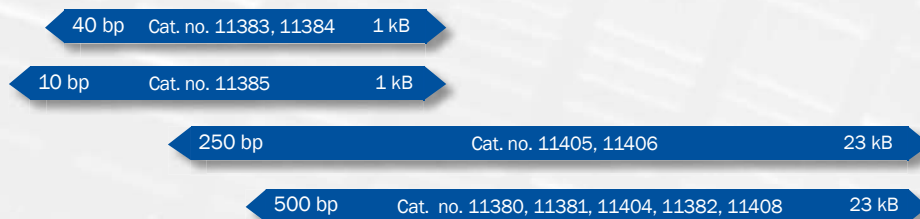


3 Agarose Gel Media

Agarose is a highly purified naturally occurring polysaccharide. Preparation of agarose gels involves simply heating the powdered agarose in buffer to dissolve it. It gels upon cooling. Like acrylamide, the pore size of an agarose gel is inversely dependent on the agarose concentration. The pores in agarose gels are generally much larger than those in acrylamide gels and are widely used in separation of nucleic acids.

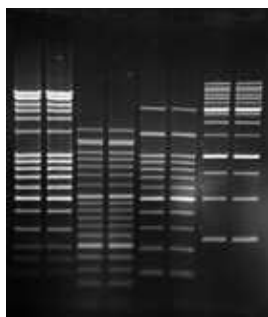
There are many different types of agarose available. The best choice for routine DNA electrophoresis is Agarose SERVA Wide Range (cat. no. 11406) or Agarose for DNA electrophoresis (cat. no. 11404). This offers good gel strength and low impurities that might interfere with subsequent procedures. Other qualities like Agarose SERVA for PCR (cat. no. 11383) and Agarose SERVA 3:1 (cat. no. 11385) are made for efficient separation of small DNA fragments <1000 bp.

Separation ranges of SERVA agaroses

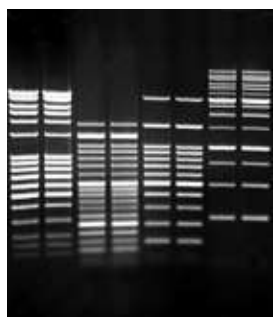


Agarose	Routine analysis	High resolution <1000 bp	Cloning	In-Gel applications	Gene technology grade	DNA/RNA recovery	Blotting
Agarose SERVA	✓						✓
Agarose SERVA low melting			✓	✓		✓	
Agarose SERVA for DNA electrophoresis	✓		✓				✓
Agarose SERVA Wide Range	✓		✓				✓
Agarose SERVA Premium			✓		✓	✓	✓
Agarose SERVA Premium low melting			✓	✓	✓	✓	
Agarose SERVA 3:1		✓	✓				✓
Agarose SERVA for PCR		✓	✓		✓	✓	✓
Agarose SERVA for PCR low melting		✓	✓	✓	✓	✓	
Agarose SERVA Tablets			✓		✓	✓	✓

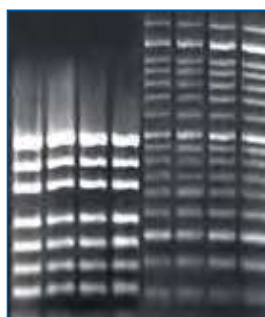
Product	Size	Cat. no.
Agarose SERVA	100 g	11380.02
	250 g	11380.03
	500 g	11380.05
Agarose SERVA low melting	5 g	11408.01
	25 g	11408.02
Agarose SERVA for DNA electrophoresis	100 g	11404.03
	250 g	11404.04
	500 g	11404.07
	1 kg	11404.05
Agarose SERVA Wide Range	250 g	11406.01
	500 g	11406.02
	1 kg	11406.03
Agarose SERVA Premium	100 g	11381.02
	250 g	11381.03
Agarose SERVA Premium low melting	25 g	11382.01
	100 g	11382.02
Agarose SERVA 3:1	25 g	11385.01
	100 g	11385.02
Agarose SERVA for PCR	100 g	11383.02
Agarose SERVA for PCR low melting	25 g	11384.01
	100 g	11384.02
Agarose SERVA Tablets, 0.5 g/tablet	100 g	11405.01



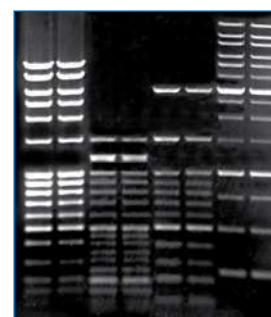
Agarose SERVA
Wide Range



Agarose SERVA
Premium



Agarose SERVA 3:1



Agarose SERVA Tablets