

PRODUCT INFORMATION

Agarose SERVA Tablets

(0.5 g/tablet), molecular biology grade

Cat. No.: 11405

Product description

Agarose SERVA Tablets can be used for analytical and preparative nucleic acid electrophoresis of DNA fragments between 200 bp to 20 kb. The agarose is pressed into tablets of 0.5 g each.

Gel casting:

- Dissolve agarose tablets for 5 min at room temperature in the appropriate 1x running buffer according to the table below.

Gel (%)	1.0	1.2	1.3	1.5	1.8	2.0
1 tablet	50 ml	42 ml	38 ml	33 ml	28 ml	25 ml
2 tablets	100 ml	83 ml	77 ml	67 ml	56 ml	50 ml
3 tablets	150 ml	125 ml	115 ml	100 ml	83 ml	75 ml

To melt agarose using a microwave:

- Heat the gel solution in the flask with microwave until solution is clear and all particles are dissolved, remove the flask from microwave and swirl it gently. **Caution: The solution may be very hot.**
- Before casting the gel cool the solution to approx. 55 °C.