

Specification

Ficoll® 400 BioChemica

A2252

Physical Description:	Solid
Product Code:	A2252
Product Name:	Ficoll® 400 BioChemica
Short Description:	additional product description: non-ionic, synthetic polymere of sucrose
Headline Comment:	® registered trademark Pharmacia Biotech
Specifications:	Solubility (10 %; H ₂ O): clear, colorless Heavy metals (as Pb): max. 0.001 % Loss on drying: max. 3 %
WGK:	1
Storage:	RT
M:	approx. 400000 g/mol
CAS:	26873-85-8
EINECS:	200-334-9
CS:	39072020
Comment	<p>Ficoll® 400 is a component of Denhardt's solution (see A2248 and ref. 1, 2 [Page 9.47-9.55]) and several gel loading buffers (2 [Page 6.12]). The addition of Ficoll® 400, sucrose or glycerol increase the density of the loading buffers and facilitate the loading of the sample onto the gel. Composition of loading buffers\:</p> <p>I. 0.25 % Bromophenol blue, 0.25 % xylene cyanol FF, 15 % Ficoll® 400 in water (store at room temperature)(according to ref. 2) II. <i>alkaline loading buffer</i> 300 mM NaOH, 6 mM EDTA, 18 % Ficoll® 400, 0.15 % Bromocresol green, 0.25 % xylene cyanol FF in water (store at +4°C) Have a look at our 9 different loading buffers.</p>
Bibliography	<p>(1)Denhardt, D.T. (1966) <i>Biochem. Biophys. Res. Com.</i> 23, 641-646A membrane-filter technique for the detection of complementary DNA. (2)Sambrook, J., Fritsch, E.F. & Maniatis, T. (1989) <i>Molecular Cloning\</i>: A Laboratory Manual, 2nd Edition; p. 9.47-9.55, 6.12. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York.</p>

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