

PRODUCT INFORMATION

SERVA HPE™ IPG Strip Buffer

Cat. No. 43368

Product description:

General SERVALYT™ mixture (pH 3-10) for IPG strip rehydration and sample preparation in 2D gel electrophoresis. The buffer works for all IPG strips pH gradients. Due to low molecular weights of the SERVALYT™ buffer molecules there is no background staining in 2D gels.

Composition 40 % (w/v) SERVALYT™ mixture (pH 3-10)

Storage The recommended storage temperature is +2 °C to +8 °C.

Rehydration /Sample buffer:

The optimal buffer composition depends on the applied sample. A sample buffer suitable for many samples is given in the table below. Use the indicated concentration range of the buffer components either in a special rehydration tray (Cat. No. 43091) or directly in IEF systems for 1D electrophoresis of different manufacturers. In the latter case, please follow the manuals of the manufacturer.

Components	Cat.No.	Concentration range	Amount
Urea*	24524	8 M (8-9 M)	4.8 g
CHAPS	17038	1 % (1-4 %)	100 mg
DTT	20710	13 mM (13-100 mM)	20 mg
SERVA HPE™IPG strip buffer	43368	0,5 % (v/v)	50 µL
H ₂ O dest.			ad 10 mL

* up to 25 % can be replaced by thiourea

Note: The sample buffer can be stored in 2.5 mL aliquots at -20 °C for 3 month.

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