

SERVA Violet 17 Staining Kit

Cat. No. 35074

Product description:

Components	1 g SERVA Violet 500 ml 20 % (w/v) TCA (Trichloroacetic acid) Solution 500 ml Stain Solubilizer Solution (20 % (w/v) phosphoric acid) 2 x 500 ml Destaining Solution (3 % (w/v) phosphoric acid)
Application	SERVA Violet 17 Staining Kit is a safe, fast and easy colloidal staining method for all vertical and horizontal gels after IEF.
Features	<ul style="list-style-type: none">• Very low background staining, highly sensitive• No need of weighing powder• Fast staining: ca. 30 min• Time saving because of ready-to-use fixing and staining solutions• Sufficient for 10 gels of 12.5 cm x 12.5 cm format
Storage Conditions	After delivery store at room temperature. If stored at the recommended temperature the kit is stable for 5 years.

Instructions for use:

Note: TCA Solution is corrosive, Stain Solubilizer Solution is irritant. Please follow the instructions for handling hazardous substances. It is strongly advised to wear protective glasses, gloves and clothing during all steps of the staining procedure.

During the whole process shake gel with gentle motion (50 – 100 rpm).

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| Fixation/
Staining | <ol style="list-style-type: none">1. Immediately after electrophoresis fix gel in 100 ml 20 % TCA solution for 20 min (2x usable). Then wash it for about 1 min. in 100 ml distilled H₂O before staining.2. Dissolve 100 mg SERVA Violet 17 in 50 ml distilled H₂O by stirring.3. Directly prior to use add 50 ml of Stain Solubilizer Solution to 50 ml of SERVA Violet 17 solution. You receive a colloidal solution, which is only stable for about 20 min. After that the dye will become more coarse grained and loose its staining property.4. Incubate gel in staining solution for 10 min. (bands will be visible already after 1 min). |
| Destaining | <ol style="list-style-type: none">1. Destain 2x with Destaining Solution for 10 min. until background is clear.2. Neutralize gel afterwards for at least 2 x 20 min in H₂O dest. <p>Important: By insufficient neutralisation bands will fade again!</p> |

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