

SERVA Snow Staining Kit

Cat. No. 35080

Product description:

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| Components | Solution I (10 x) |
| | Solution II (10 x) |

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| Application | SERVA Snow Staining Kit is a safe, fast, sensitive and reversible staining method for proteins in polyacrylamid gels. The kit bases on white imidazole-zinc precipitations in the gel; the areas with proteins remain transparent. |
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| Features | <ul style="list-style-type: none"> • Highly sensitive (detection limit: < 10 ng) • No need of weighing dyes • Fast staining: ca. 20 min • Suitable for subsquent blotting • Sufficient for 50 gels of 10 cm x 10 cm format |
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| Storage Conditions | After delivery store at room temperature. If stored at the recommended temperature the kit is stable for 5 years. |
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Instructions for use:

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

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| Fixation/ Staining | 1. <u>Prepare the working solution I:</u> Dilute Solution I 1:10 with ddH ₂ O. |
| | 2. <u>Prepare the working solution II:</u> Dilute Solution II 1:10 with ddH ₂ O. |
| | 3. Wash the gel with ddH ₂ O for 30 to 60 s after electrophoresis. |
| | 4. Incubate the gel 15 min in working solution I . |
| | 5. Remove the solution and rinse the gel with ddH ₂ O. |
| | 6. Incubate the gel in working solution II until the background turns intense white. |
| | 7. Remove the solution and rinse the gel with ddH ₂ O. |

The result will be clearly visible against a black background.

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| Destaining | 1. Prepare the mobilizing buffer (250 mM Tris, 50 mM EDTA, pH 8.3) |
| | 2. Incubate the gel in the mobilizing buffer after staining. The gel will become transparent again and blotting is possible. |

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| Storage of the gels | 1. Incubate the gel 5 min in washing solution (1:50 dilution of SERVA Snow Solution I with ddH ₂ O). |
| | 2. Seal the gel in new washing solution. Store at room temperature. Drained gels will become transparent. After rehydration staining will be visible again. |

Vers. 11/10