

Instruction Manual

SERVA Violet 17

Cat. No. 35072

Product description:

General	Dye based on Acid Violet 17.
Application	Highly sensitive staining of proteins in native or IEF polyacrylamide and agarose gels
Storage	Store powder dry and dark at +15 °C – +30 °C. If stored as indicated, shelf life of powder is ca. 3 – 5 years.

Staining protocol:

Solutions	Fixing solution	20% (w/v) Trichloroacetic acid (Cat. No. 36913)
	Stock solution I	0.2 % SERVA Violet 17 in H ₂ O dest. (Dissolve 100 mg SERVA Violet 17 powder in 50 ml of H ₂ O dest.) Solution is stable for several months at room temperature.
	Stock solution II	20 % phosphoric acid (136 ml 86 % H ₃ PO ₄ , to 1 l H ₂ O)
	Destainer	3 % phosphoric acid (18 ml 86 % H ₃ PO ₄ , to 1 l H ₂ O)

Staining	<ol style="list-style-type: none">1. Fix gel for 20 min. in 100 ml fixing solution.2. Rinse for ca. 1 min. in destainer.3. Prior to use mix 50 ml stock solution I with 50 ml stock solution II.4. Stain gel in solution for 10 min.5. Destain gel 2 – 3x for 10 min. in destainer until background is clear.6. Wash 2x for 5 min. in H₂O dest.7. Dry gel in a jet of warm air or at room temperature.
-----------------	---