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## Destaining of Ag-stained SDS-gels

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### Chemicals

H <sub>2</sub> O dd	Fresenius Kabi, Art. 11500063
Acetonitrile	Merck UN 1648
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Sigma S-1648
K <sub>3</sub> [Fe(CN) <sub>6</sub> ]	Merck 104973

### Solutions

Destaining solution 1	100 mM Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> in H <sub>2</sub> O
Destaining solution 2	30 mM K <sub>3</sub> [Fe(CN) <sub>6</sub> ] in H <sub>2</sub> O

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### **Working protocol**

- Mix Destaining solutions 1 & 2 prior to usage 1:1 (v/v).
- Add 50µl of the freshly prepared mixture to gel pieces
- Shake at 37°C for 10 min (or until gels are completely destained)
- Remove supernatant
- Add 200 µl H<sub>2</sub>O
- Shake at room temperature for 10 minutes
- Remove supernatant
- Add 150µl acetonitrile
- Shake at room temperature for 10 minutes (or until gels are completely shrunk)
- Remove supernatant
- Dry gels in Speed-Vac and store at -20°C