

表3 两种银染方法

Table 3 Two silver dyeing methods

方法 1	方法 2
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1.用含 10%乙醇、0.5%乙酸的固定液固定 2 次，6 min/次 Place gels in fixing solution including 10% ethanol and 0.5% acetic acid, and shake gently for 6 min, twice	1.在含 10%乙醇、0.5%乙酸的 0.2%硝酸银中染色 5min Place gels in solution including 10% ethanol, 0.5% acetic acid and 0.2% silver nitrate , and shake gently for 5 min
2.0.2%AgNO ₃ 溶液渗透 10-12min Replace the solution with 0.2% silver nitrate aqueous solution, and shake gently for 10-12 min.	2.蒸馏水中漂洗 30s Rinse gels briefly with d H ₂ O for 30 s
3.dH ₂ O 清洗 2 次，30s Rinse gels briefly with d H ₂ O for 30 s, twice	3.在含 0.5%甲醛的 3.0%氢氧化钠中显色 Apply developing solution, including 3.0% Sodium hydroxide, 0.5% formaldehyde, and shake gently
4.0.002% 硫代硫酸钠溶液置大约 30s，直到溶液变黄，倒掉 Apply 0.002% sodium thiosulfate aqueous solution, and shake gently for 30 s. After the solution turned yellow, remove the solution	4.条带清晰后，用蒸馏水冲洗数次，终止显色反应 After the bands appear with desirable intensity, Wash gel in distilled water several times to stop the reaction
5.用含 NaOH 1.5%，甲醛 0.4%的显色液显色 Apply developing solution, including 1.5% Sodium hydroxide, 0.4% formaldehyde, and shake gently	
6.条带清晰后,用蒸馏水冲洗数次，终止显色反应 After the bands appear with desirable intensity, Wash gel in distilled water several times to stop the reaction	