

Total Protein Stains

| Stain | Detection Limit | Nitrocellulose | Nylon | PVDF | Notes |
|------------------------------|-----------------|----------------|-------|------|--------------------------------|
| Ponceau S | 1-2µg | + | – | + | Reversible |
| Amido Black ¹ | 1.5µg | + | – | + | Permanent; low background |
| Coomassie* Blue ¹ | 1.5µg | + | – | + | Permanent; high background |
| India Ink | 100ng | + | – | + | Permanent |
| Biotin–Avidin | 30ng | + | + | + | Permanent, but fades with time |
| Colloidal Gold | 3ng | + | – | + | Permanent |

¹ Anionic stain.

For the permanent stains, run samples in duplicate. Stain half of the membranes by one of the above methods and use the other half for immunodetection.

* Coomassie is a trademark of Imperial Chemical Industries.

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