| Enzyme | Substrate |
|---|---|
| beta-D-Galactopyranoside (beta-Galactosidase, E.C. 3.2.1.23) | 5-Bromo-4-chloro-3-indoyl |
| | 5-Bromo-6-chloro-3-indoyl |
| Beta-D-Glucuronide (beta-Glucronidase, GUS; E.C. 3.2.1.31) | 5-Bromo-4-chloro-3-indoyl |
| Alkaline Phosphatese | 5-Bromo-4-chloro-3-indoyl phosphate |
| | Nitroblue tetrazolium chloride |
| Horse Radish Peroxidase | 3′,3′,5′,5′-tetramethylbenzidine |
| | 2′,2′-azinobis[3-ethylbenzothiazoline-6-sulfonic acid]-diammonium salt |
| | o-phenylenediamine dihydrochloride |

FIG.22