

Moltox ST Quad PC Plates (21-200)



Intended Use: 21-200 plates are used for the phenotypic confirmation of “Ames” *Salmonella* strains; tests for Histidine auxotrophy, and the presence of the plasmids pKM101 and pAQ1 (pKM101 confers Ampicillin resistance while pAQ1 confers tetracycline resistance).

Warnings and Precautions:

For Laboratory Use Only

Observe aseptic techniques and established precautions against microbiological hazards throughout all procedures. After use, dispose of all materials according to location- specific biohazard procedures.

Storage: Upon receipt, store plates at 2 – 8°C.

Procedure: Streak *S. typhimurium* culture onto each sector of the plate. If streaking from a broth culture with a swab, remove excess broth against the side of the growth vessel prior to streaking.

Expected Results:

Sector 1/A: No growth.

Sector 2/B: Growth of all *S. typhimurium* strains.

Sector 3/C: Growth of pKM101-containing *S. typhimurium* strains only.

Sector 4/D: Growth of pAQ1-containing *S. typhimurium* strain only.