MacCONKEY AGAR

REGULAR FORMULATION AND THE MODIFIED FORMULATION USED IN MICROBIOLOGY 102 FOR THE ISOLATION OF ENTERIC BACTERIA

	MacCONKEY AGAR usual formulation	MacCONKEY AGAR special Bact. 102 modification
selective agent(s)	bile salts, crystal violet, neutral red	bile salts, crystal violet, neutral red
source of amino acids which may be deaminated (alkaline rx.)	peptone, proteose peptone	peptone, proteose peptone
amino acid added for detection of decarboxylation (alkaline rx.)	none	none
fermentable sugar(s) (acid rx.)	lactose (1%)	lactose (1%)
pH indicator	**neutral red:** net acid = red, net alkaline = whitish/light	**neutral red:** net acid = red, net alkaline = whitish/light
source from which H_2S may be produced	none	Na thiosulfate
indicator of H_2S production	none	ferric ammonium citrate