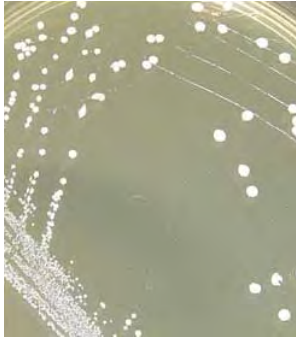


Brewing Industry Media from P&R Labpak

Labpak

Lysine Agar (LAB201)

Originally described by Morris and Eddy, this complex medium is designed for the isolation and enumeration of wild yeasts in pitching yeast. Lysine is utilised by wild yeasts, but not by *Saccharomyces cerevisiae*, *S. carlsbergensis* and *S. pastorianus*. Lab M Lysine Agar is made to the Morris and Eddy published formulation. On this medium the growth of the pitching yeast is suppressed as they are unable to utilise the sole nitrogen source (lysine) for growth. Sample preparation is critical, the key being to prevent the carry over of any nutrients and also to provide an inoculum with sufficient cells where the number of colonies developing on the medium will give a direct measure of the wild yeast contamination.



Raka Ray No.3 Media:

Raka Ray No.3 Agar (LAB198) & Raka Ray No.3 (Hi-Gel) Agar (LAB199)

These selective media are routinely used for the isolation of lactic acid bacteria from beer and brewing processes and are based on the standard formulation recommended by the American Society of Brewing Chemists (ASBC) and the European Brewing Congress (EBC). Due to customer feedback regarding the gel strength of the standard formulation, Lab M has developed a modified version with a higher gel strength. This modification is especially useful when performing surface inoculation techniques.

Yeast & Mould Agar (LAB200)

Yeast & Mould agar is specifically designed for the isolation of both *Saccharomyces* and non-*Saccharomyces* wild yeasts in the presence of pitching yeast. Based on the original MYGP formulation of Taylor and Marsh, the medium is made selective for wild yeasts by the addition of copper. Copper can be added at a rate of between 50 and 300mg/litre, the exact quantity being dependant on the sensitivity of the pitching yeast to copper.

W.L. (Wallerstein Laboratory) Nutrient Agar (LAB079)

This medium was developed for the isolation and enumeration of yeasts, moulds and bacteria in the brewing process. The medium has a final pH of 5.5 which provides optimum conditions for the recovery of a wide range of organisms including *Lactobacillus*, *Enterobacteriaceae*, *Pediococcus* and *Flavobacterium* spp. as well as yeasts and moulds. The medium can be adapted to detect bacteria only by the addition of 4mg/litre Actidione to suppress yeasts and moulds (W.L. Differential Agar).



For further details on the range of microbiological media, micro-organisms and proficiency schemes available from Lab M, please contact our Customer Services department on 0870 034 2055.