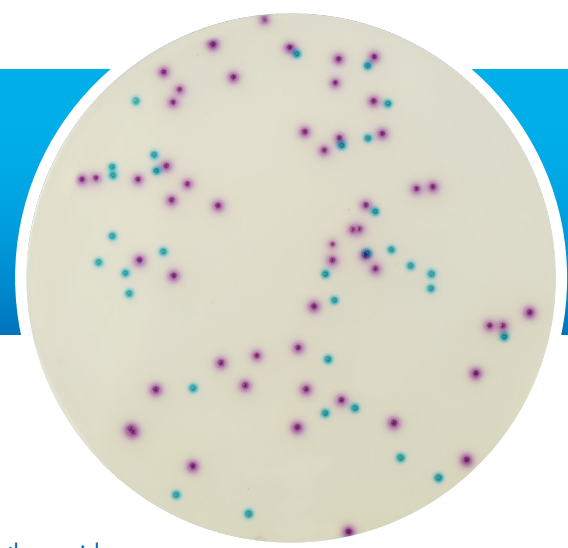


# PP3000 COLOREX™ ORIENTATION AGAR



Urinary Tract Infections (UTI) account for 35-40% of all hospital acquired infections in the UK. A wide range of pathogenic and opportunistic bacterial species are known to cause UTI's. Therefore, an accurate diagnosis of the causative organism is required for the appropriate antibiotic to be prescribed.

Colorex™ Orientation Agar is a non-selective, differential medium designed to facilitate the rapid detection and presumptive identification of the major pathogens responsible for UTI's.<sup>(1)</sup>

Recent developments in culture media have given rise to the use of chromogenic substrates as a means of differentiating bacteria particularly among the coliform group of organisms. Colorex™ Orientation Agar has been developed primarily for use in the examination of urine specimens with the aim of simplifying the differentiation and presumptive identification of the main organisms, Gram negative and Gram positive, usually found in UTI's. It can however be used to differentiate organisms in other types of clinical specimens.

The distinctive colonial colouration of the various species can reduce the need for additional follow up testing allowing many positive results to be issued within 24 hours of receipt of the sample. If necessary an Indole test for confirmation of *Escherichia coli* and TDA test for *Proteus spp.* can be performed directly from the medium.

<sup>(1)</sup> Merlino, J. et al. 1996. Journal of Clinical Microbiology, 34 : 1788 - 1793

Formula	gm/litre	Properties	
Peptone & Yeast extract	17.0	Appearance	Firm Gel
Chromogenic mix	1.0	Colour	Straw
Agar	15.0	pH	7.0 ± 0.2
		Storage	2 - 8°C
		Shelf Life	42 days

Quality Control Test Organisms	Ref. No.	Result
<i>Enterococcus faecalis</i>	NCTC 12697	Turquoise / Blue Colonies
<i>Escherichia coli</i>	NCTC 12241	Red Colonies
<i>Proteus mirabilis</i>	NCTC 10975	Clear Colonies with Brown Halo
<i>Staphylococcus aureus</i>	NCTC 12981	Colourless / White Colonies

Recommended Incubation : Aerobically at 37°C ± 1°C for 18 - 24 hours.