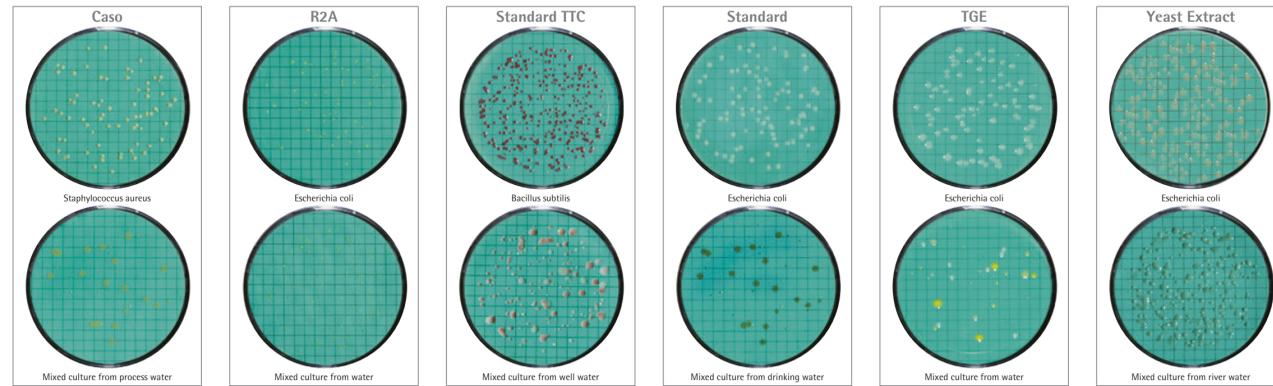
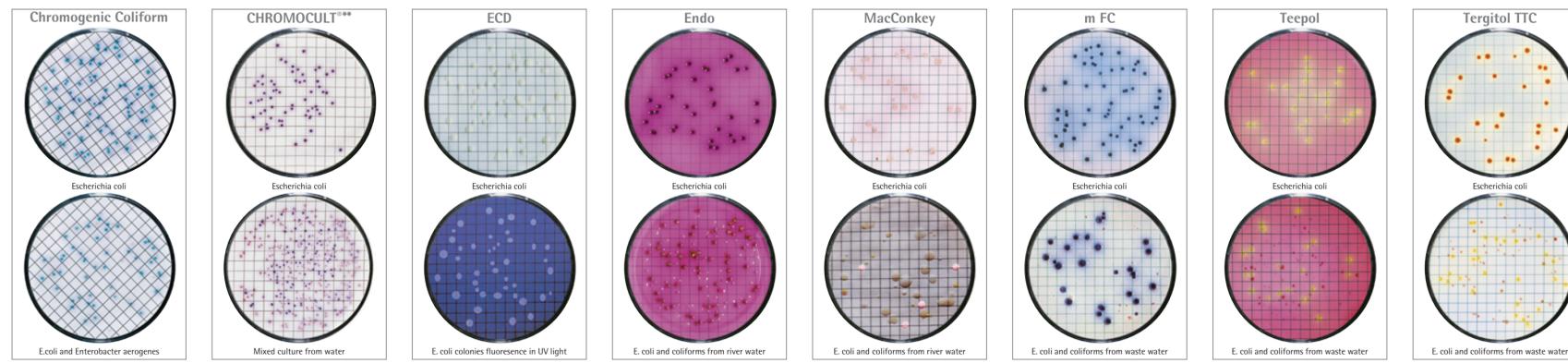


# Nutrient Pad Sets

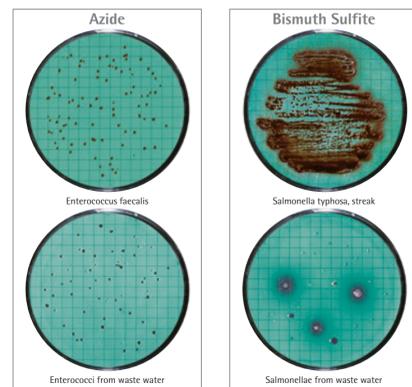
## Total colony count



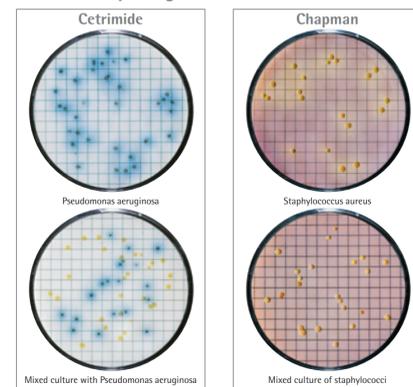
## E. coli and coliforms, Enterobacteria



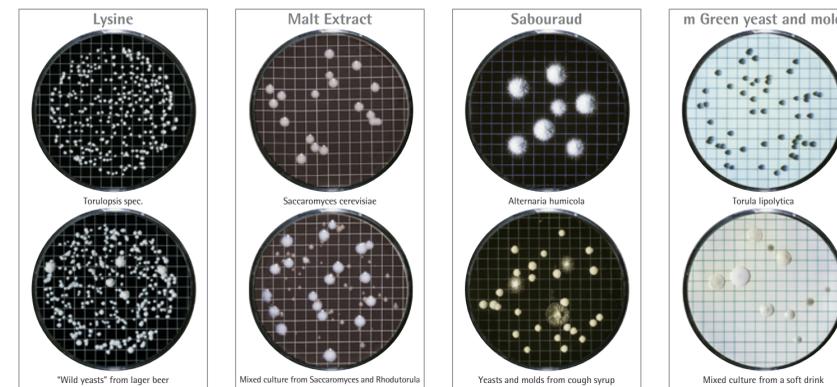
## Other faecal bacteria



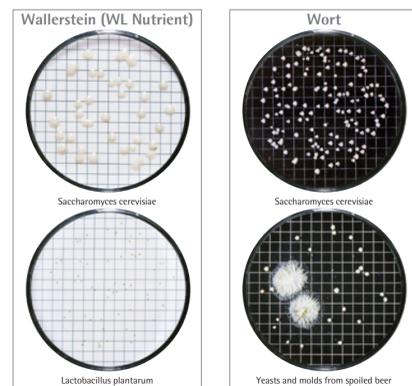
## Non-faecal, pathogenic bacteria



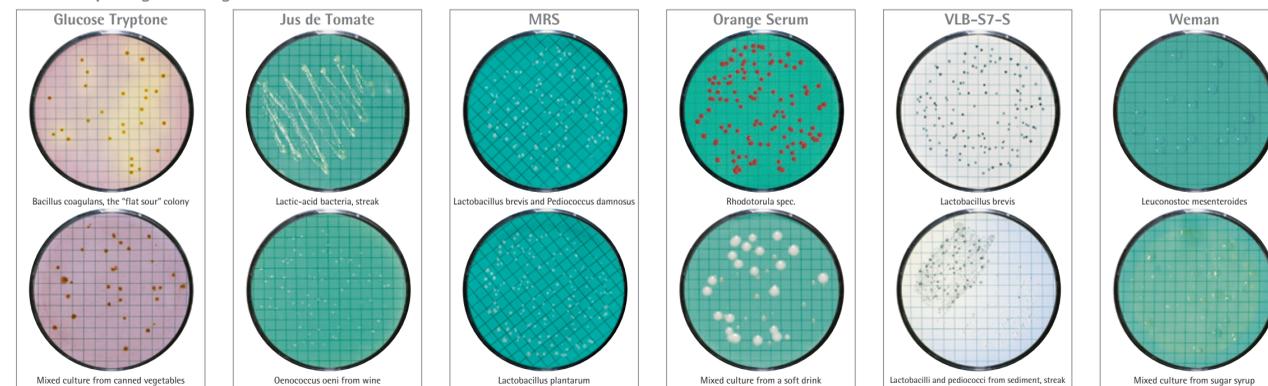
## Yeasts and molds



## Yeasts and molds



## Product Spoiling Microorganisms



## Typical Application Examples

Product	Detection and enumeration of...	Nutrient Pad type	
Beer	Lactobacilli and Pediococi and other beer spoiling organisms	VLB-S7-S	
	Total colony count	Standard, Standard TTC,	
	Wild yeasts	Lysine	
	Yeasts and molds	Malt Extract*, Wallerstein Nutrient, Wort	
Diary products	Lactobacilli	MRS	
Foods	Acid-tolerant microorganisms	Orange Serum	
	Enterobacteria, E. coli and coliforms	CHROMOCULT***, ECD, Endo, (MacConkey), m FC, Teepol   Lauryl Sulphate, Tergitol TTC	
	Enterococci, Enterococcus faecalis	Azide   KF Strep	
	Lactobacilli	MRS	
	Pseudomonas aeruginosa	Cetrimide	
	Salmonellae	Bismuth Sulfite	
	Staphylococci, Staphylococcus aureus	Chapman	
	Thermophilic spore formers and mesophilic bacteria	Glucose Tryptone	
	Total colony count	Caso, Standard, Standard TTC, TGE   Tryptone Glucose Extract	
	Yeasts and molds	Malt Extract, Wort	
	Food and Beverages	Lactobacilli	MRS
	Fruit juice	Enterobacteria, E. coli and coliforms	Endo, (MacConkey) Tergitol TTC*
Oenococcus and other product spoiling organisms		Jus de Tomate   Tomato Juice, Orange Serum	
Lactobacilli		MRS	
Yeasts and molds		Malt Extract, m Green yeast and mold   Schaufus Pottinger, Wallerstein Nutrient, Wort	
Milk	E. coli and coliforms	Endo	
	Enterococci, Enterococcus faecalis	Azide   KF Strep	
	Salmonellae	Bismuth Sulfite	
Pharmaceuticals, WF, raw materials, and cosmetics	Enterobacteria, E. coli	MacConkey	
	Enterococci, Enterococcus faecalis	Azide   KF Strep	
	Pseudomonas aeruginosa	Cetrimide (cosmetics only)	
	Salmonellae	Bismuth Sulfite	
	Staphylococci, Staphylococcus aureus	Chapman	
	Total colony count	Caso, R2A	
	Yeasts and molds, Candida albicans	Sabouraud	
Soft drinks, concentrates	Acid-tolerant microorganisms, Lactic-acid bacteria	Orange Serum, VLB-S7-S	
	Enterobacteria, E. coli and coliforms	Endo, MacConkey	
	Lactobacilli	MRS	
	Mesophilic slime-forming bacteria, Leuconostoc	Weman	
	Total colony count	Standard*, Standard TTC*, TGE   Tryptone Glucose Extract	
	Yeasts and molds	Malt Extract, m Green yeast and mold   Schaufus Pottinger, Wallerstein Nutrient, Wort	
Sugar, sugar products	E. coli and coliforms	Endo	
	Mesophilic slime-forming bacteria, Leuconostoc	Weman	
	Thermophilic spore formers and mesophilic bacteria	Glucose Tryptone	
	Yeasts and molds	Malt Extract*, Schaufus Pottinger   m Green yeast and mold, Wort*	
Water (general quality), mineral water, natural water, waste water	Acid-tolerant microorganisms, Lactic-acid bacteria	Orange Serum	
	Enterobacteria, E. coli and coliforms	Chromogenic Coliform (according to new DIN EN ISO 9308-1), CHROMOCULT***, ECD, Endo, (MacConkey), m FC, Teepol   Lauryl Sulphate, Tergitol TTC	
	Enterococci, Enterococcus faecalis	Azide   KF Strep	
	Pseudomonas aeruginosa	Cetrimide	
	Salmonellae	Bismuth Sulfite	
	Staphylococci, Staphylococcus aureus	Chapman	
	Total colony count	Caso, R2A, Standard, Standard TTC, TGE   Tryptone Glucose Extract, Yeast Extract	
Yeasts and molds, Candida albicans	Sabouraud		
Wine	Acetobacter	Orange Serum, Wort (both wetted with 5-8% ethanol)	
	Acid-tolerant microorganisms, Lactic-acid bacteria	Orange Serum	
	Lactobacilli	MRS	
	Oenococcus and other wine spoiling microorganism.	Jus de Tomate   Tomato Juice	
	Yeasts and molds	Malt Extract, m Green yeast and mold   Schaufus Pottinger, Wallerstein Nutrient, Wort	

\* These NPS types are suitable for the determination of the mentioned microorganisms, although the media are not explicit declared in references. The description of the typical results or any pictures show typical appearance of the mentioned microorganisms. In particular cases, color and shape of the colonies could vary from the expected habitus. Further tests may be necessary to validate the result. Sartorius Stedim Biotech shall not be liable for consequential and/or incidental damage sustained by any customer from the use of its products.  
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\*\* Trade mark owner and manufacturer is Merck KGaA