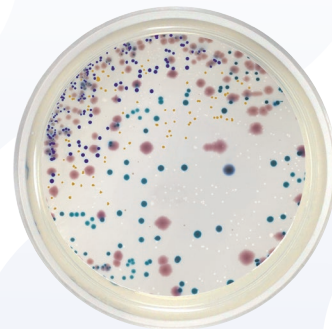


Chromogenic Media and Ingredients

Chromogenic Media

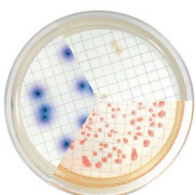
Chromogenic media offer improved bacterial identification compared to traditional media through color-based differentiation. The brightness and specificity of these colors in the cultured colonies in PanReac AppliChem chromogenic media optimize counting, making it easier to identify bacterial colonies rapidly.



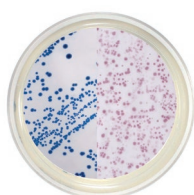
Main advantages

- Results in 24 to 48 hours.
- Easy interpretation based on colony color.
- Detection based on enzymatic reactions specific for each bacterium.
- Improves efficiency, saving time and costs.
- Safe and reliable results with any methodology.

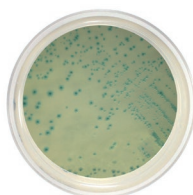
Product Name	Application	Use	Code	Package
CCA Coliforms Chromogenic Agar (ISO 9308-1)	Water analysis	Detection of total coliforms and <i>E. coli</i> .	417153.1210	500 g
			447153.0922	30 plates of 55 mm
<i>E. coli</i> Chromogenic Agar	Water and food analysis	Detection of total coliforms and <i>E. coli</i> .	416109.1208	100 g
			416109.1210	500 g
TBX Agar (ISO 16649-2,3)	Food analysis	Detection of <i>E. coli</i> .	416220.1210	500 g
Salmonella Chromogenic Agar	Food analysis	Isolation of <i>Salmonella</i>	416110.1210	500 g
Listeria Chromogenic Agar Base acc. Ottaviani & Agosti (ALOA)(ISO 11290-1)	Food analysis	Detection of <i>Listeria</i>	416891.1210	500 g
Lipase C Selective Enrichment (Supplement)	Food analysis	Detection of <i>Listeria</i>	416893.02132	10 vials
Listeria Selective Enrichment Chromogenic (Supplement)	Food analysis	Detection of <i>Listeria</i>	416894.02132	10 vials



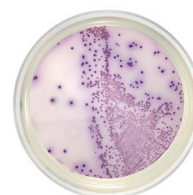
CCA Coliforms Chromogenic Agar (ISO 9308-1)



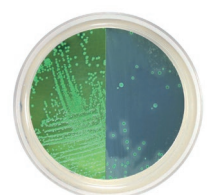
E. coli Chromogenic Agar



TBX Agar (ISO 16649-2,3)



Salmonella Chromogenic Agar



Listeria Chromogenic Agar Base acc. Ottaviani & Agosti (ALOA)(ISO 11290-1)



IP-054EN;201904

Ingredients

As ingredients of culture media we offer Extracts, Agar-Agar and Peptones-Tryptones. All of them are basic components of the dehydrated media and their quality is essential for the performance of the culture.

Main advantages

- Absence of inhibitors
- High solubility



Extracts and other preparations

Extracts are infusions of meat, plants or yeast that produce aqueous preparations commonly used as a nutrient base in culture media for the growth of various microorganisms. These products contain amino acids, low molecular weight peptides, carbohydrates, vitamins and minerals.

Agar-Agar

Solidifying agent used in bacteriological culture media and other applications (tissue culture, diffusion technique in immunological studies, nutritional studies, etc.). Agar is a polygalactoside obtained from marine red algae. Most microorganisms are unable to degrade it.

Peptone-Tryptone

Peptones and tryptones are the products obtained by the proteolytic degradation of proteins of diverse origins (meat, soy, malt, casein, ...), obtained by peptic, triptych, pancreatic digestion, etc. The product obtained is rich in free amino acids and peptides of small molecular weight. It is used as a source of nitrogen by a large diversity of organisms.

Product Name	Application	Uses	Code	Package
Agar, Bacteriological European Type	Food, Pharma, Water, Environment, Research	The main advantages are the absence of growth inhibitors of microorganisms and its excellent transparency. Gel strength at 1.5% (Nikan's method): 800-1100 g/cm ²	402302.1210	500 g
Agar, Bacteriological American Type	Food, Pharma, Water, Environment, Research	The main advantages are the absence of growth inhibitors of microorganisms and its excellent transparency. Gel strength at 1.5% (Nikan's method): 600-850 g/cm ²	402303.1210	500 g
Casein Peptone	Quality Control, Bio Companies and Research	A pancreatic digest of casein suitable for the culture of many groups of bacteria, including certain organisms which grow with difficulty. It has excellent solubility and very good clarity when dissolved.	403898.1210	500 g
Yeast Extract	Quality Control, Bio Companies and Research	It is a concentrate of the water-soluble portion of <i>Saccharomyces cerevisiae</i> cells that have been autolyzed. It is rich in vitamins, especially B complexes, amino acids and other growth factors. Used in many culture media formulations as an excellent growth source.	403687.1210	500 g
Tryptone	Quality Control, Bio Companies and Research	Obtained by pancreatic degradation of casein. It is used as a source of nitrogen in culture media for detection of fungi and some bacteria.	403682.1210	500 g
Meat Extract	Quality Control, Bio Companies and Research	Obtained from fresh bovine meat. It can be used in some formulations as nutrient base. Soluble in water.	403692.1210	500 g



IP-054EN

AppliChem GmbH
 Ottoweg 4
 DE-64291 Darmstadt
 Germany
 Phone +49 6151 9357 0
 Fax +49 6151 9357 11
info.de@itwreagents.com

Nova Chimica Srl
 Via G. Galilei, 47
 I-20092 Cinisello Balsamo
 (Milano) Italy
 Phone +39 02 66045392
 Fax +39 02 66045394
info.it@itwreagents.com

PanReac Química SLU
 C/ Garraf 2, Polígono Pla de la Bruguera
 E-08211 Castellar del Vallès
 (Barcelona) Spain
 Phone +34 937 489 400
 Fax +34 937 489 401
info.es@itwreagents.com

www.itwreagents.com