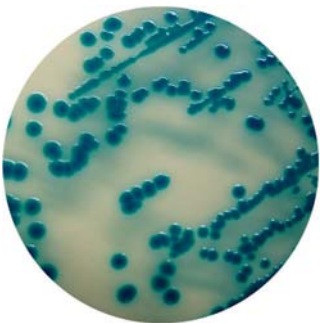




The smart choice in Life Sciences

*Competitiveness*  
*Fast & ready-to-use*  
*Affordable prices*  
*Flexibility*

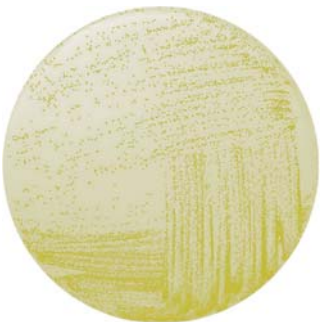
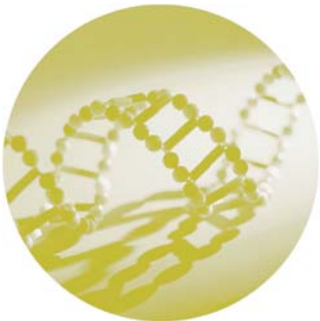


PREPARED CULTURE  
MEDIA CATALOGUE



# The smart choice in Life Sciences

*Competitiveness  
Fast & ready-to-use  
Affordable prices  
Flexibility*



ASIAGEL's is proud to introduce its new business expansion: Prepared Culture Media in Bottles, Tubes, and in Petri Dishes.

With the transfer of the technology and know-how of Laboratorios CONDA, with almost half a century of experience in Life Science business, ASIAGEL has taken the next progressive step in developing its own PREPARED MEDIA PRODUCT line.

For this purpose the company has established a new laboratory and production line that would suit the specific needs of its growing clients. ASIAGEL shall remain true to its commitment of providing high quality products and services at competitive prices.

## PLATE CULTURE MEDIA GUIDELINES

### Preparation and Rehydration

Asiagel culture media are prepared under sterile and controlled conditions following Laboratorios Conda (Spain) procedures, standards and protocols.

### Pouring

The sterilized culture media is allowed to cool to 45-60°C and poured in plates using automatic dispensing equipment. The prepared media is allowed to settle in a controlled environment to remove vapor formation in the plates.

### Quality Control Analysis

Every batch of Asiagel prepared media undergoes several QC tests to ensure high quality. Test protocols are as follows:

- 1/ Sterility test to ensure that no contamination has occurred throughout the process from preparation to packaging.
- 2/ Test for microbiological growth to make sure that the specified microorganisms can grow in the medium.
- 3/ Test for physical properties of finished products which include color, moisture and appearance.

### Packaging

Asiagel culture media in plates are placed inside a double – sealed (zip-lock and heat seal) plastic bag as the primary barrier against contaminants. Each bag contains 10 plates, QC Certificate and is packaged in a box, properly labeled with product name, catalog number, number of plates, storage temperature and expiration date.

### Storage

Keep the prepared plates stored in a refrigerator at 8°C to 12°C. Keep away from direct sunlight to prevent deterioration.

## PLATE CULTURE MEDIA PROCEDURE OF USE

1. Cut the heat seal of the plastic bag to open the zip-lock.
2. Take only the desired number of plates to be used, close the zip-lock and return unused plates in the refrigerator.
3. Allow the plates to adjust to room temperature before use.

## SINGLE PLATES

### General Description

Single plate culture media from Asiagel Corporation are used for isolation, enumeration and total count of microorganisms of food industry, clinical samples and of sanitary importance. Single plates include a cover and a 90 mm x 15 mm dish.

**Pack size:** box of 10 units.

**Expiry date:** 60 – 90 days from manufacturing date.

### 110PB · Blood Agar

*For the isolation, cultivation, and detection of the hemolytic activity of fastidious microorganisms.*

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of 35±2°C and observed after 18-24 hours.

Microorganisms	Growth	Hemolysis
<i>Neisseria meningitidis</i> ATCC 13090	Good	---
<i>Staphylococcus aureus</i> ATCC 25923	Good	Beta
<i>Staphylococcus epidermidis</i> ATCC 12228	Good	----
<i>Streptococcus pneumoniae</i> ATCC 6303	Good	Alpha
<i>Streptococcus pyogenes</i> ATCC 19615	Good	Beta

## 1068PBC · Chocolate Agar (TSA)

For the isolation and cultivation of fastidious microorganisms.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-24 hours.

Microorganisms	Growth
<i>Neisseria meningitidis</i> ATCC 13090	Good
<i>Staphylococcus aureus</i> ATCC 25923	Good
<i>Staphylococcus epidermidis</i> ATCC 12228	Good
<i>Streptococcus pneumoniae</i> ATCC 6303	Good
<i>Streptococcus pyogenes</i> ATCC 19615	Good

## 1340P · E.coli-coliforms Chromogenic Agar

Selective medium for the simultaneous detection of *E. coli* and other Coliforms in water and food samples.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-24 hours.

Microorganisms	Growth	Colony Color
<i>Escherichia coli</i> ATCC 25922	Good	Blue-dark violet
<i>Salmonella enteritidis</i> ATCC 13076	Good	Colorless

## 1022P · Potato Dextrose Agar

For the identification, cultivation, and enumeration of yeasts and molds in foods.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $25-30^{\circ}\text{C}$  and observed after 5 days.

Microorganisms	Growth
<i>Aspergillus niger</i> ATCC 16404	Good
<i>Candida albicans</i> ATCC 10231	Good
<i>Saccharomyces cerevisiae</i> ATCC 9763	Good

## 1056P · Standard Methods Agar

For total microbial count in milk and other materials of sanitary significance (APHA Formula).

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-48 hours.

Microorganisms	Growth
<i>Escherichia coli</i> ATCC 25922	Good
<i>Staphylococcus aureus</i> ATCC 25923	Good
<i>Staphylococcus epidermidis</i> ATCC 12228	Good

## 1093P · Violet Red Bile Agar with Lactose

Selective medium for the detection and enumeration of Coliforms in dairy products, water and foods.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-24 hours.

Microorganisms	Growth	Colony Color
<i>Escherichia coli</i> ATCC 25922	Good	Pink
<i>Enterobacter aerogenes</i> ATCC 13048	Good	Red with brilliant precipitate
<i>Salmonella enteritidis</i> ATCC 13076	Good	Colorless
<i>Staphylococcus aureus</i> ATCC 25923	Inhibited	---

## BI-PLATES

### General Description

Bi-plate culture media from Asiagel Corporation are used for isolation and enumeration of two microorganisms or to test two samples simultaneously at the same condition. Bi-plates include a cover and a 90 mm x 15 mm dish divided physically into two sections.

**Pack size:** box of 10 units.

**Expiry date:** 60 – 90 days from manufacturing date.

### 2P-1160 · Blood Agar / Chocolate Agar (TSA)

#### BLOOD AGAR

For the isolation, cultivation, and detection of the hemolytic activity of fastidious microorganisms.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-24 hours.

Microorganisms	Growth	Hemolysis
<i>Neisseria meningitidis</i> ATCC 13090	Good	---
<i>Staphylococcus aureus</i> ATCC 25923	Good	Beta
<i>Staphylococcus epidermidis</i> ATCC 12228	Good	----
<i>Streptococcus pneumoniae</i> ATCC 6303	Good	Alpha
<i>Streptococcus pyogenes</i> ATCC 19615	Good	Beta

#### CHOCOLATE AGAR (TSA)

For the isolation and cultivation of fastidious microorganisms.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-24 hours.

Microorganisms	Growth
<i>Neisseria meningitidis</i> ATCC 13090	Good
<i>Staphylococcus aureus</i> ATCC 25923	Good
<i>Staphylococcus epidermidis</i> ATCC 12228	Good
<i>Streptococcus pneumoniae</i> ATCC 6303	Good
<i>Streptococcus pyogenes</i> ATCC 19615	Good

### 2P-1149 · Blood Agar

For the isolation, cultivation, and detection of the hemolytic activity of fastidious microorganisms.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-24 hours.

Microorganisms	Growth	Hemolysis
<i>Neisseria meningitidis</i> ATCC 13090	Good	---
<i>Staphylococcus aureus</i> ATCC 25923	Good	Beta
<i>Staphylococcus epidermidis</i> ATCC 12228	Good	----
<i>Streptococcus pneumoniae</i> ATCC 6303	Good	Alpha
<i>Streptococcus pyogenes</i> ATCC 19615	Good	Beta

### 2P-1172 · E.coli-coliforms Chromogenic Agar

Selective medium for the simultaneous detection of *E. coli* and other Coliforms in water and food samples.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-24 hours.

Microorganisms	Growth	Colony Color
<i>Escherichia coli</i> ATCC 25922	Good	Blue-dark violet
<i>Salmonella enteritidis</i> ATCC 13076	Good	Colorless

### 2P-1022 · Potato Dextrose Agar

For the identification, cultivation, and enumeration of yeasts and molds in foods.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $25-30^{\circ}\text{C}$  and observed after 5 days.

Microorganisms	Growth
<i>Aspergillus niger</i> ATCC 16404	Good
<i>Candida albicans</i> ATCC 10231	Good
<i>Saccharomyces cerevisiae</i> ATCC 9763	Good

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## 2P-1056 · Standard Methods Agar

For total microbial count in milk and other materials of sanitary significance (APHA Formula).

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-48 hours.

Microorganisms	Growth
<i>Escherichia coli</i> ATCC 25922	Good
<i>Staphylococcus aureus</i> ATCC 25923	Good
<i>Staphylococcus epidermidis</i> ATCC 12228	Good

## 2P-1093 · Violet Red Bile Agar with Lactose

Selective medium for the detection and enumeration of Coliforms in dairy products, water and foods.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-24 hours.

Microorganisms	Growth	Colony Color
<i>Escherichia coli</i> ATCC 25922	Good	Pink
<i>Enterobacter aerogenes</i> ATCC 13048	Good	Red with brilliant precipitate
<i>Salmonella enteritidis</i> ATCC 13076	Good	Colorless
<i>Staphylococcus aureus</i> ATCC 25923	Inhibited	---

## 2P-1389 · Standard Methods Agar / Violet Red Bile Agar with Lactose

### STANDARD METHODS AGAR

For total microbial count in milk and other materials of sanitary significance (APHA Formula).

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-48 hours.

Microorganisms	Growth
<i>Escherichia coli</i> ATCC 25922	Good
<i>Staphylococcus aureus</i> ATCC 25923	Good
<i>Staphylococcus epidermidis</i> ATCC 12228	Good

### VIOLET RED BILE AGAR WITH LACTOSE

Selective medium for the detection and enumeration of Coliforms in dairy products, water and foods.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-24 hours.

Microorganisms	Growth	Colony Color
<i>Escherichia coli</i> ATCC 25922	Good	Pink
<i>Enterobacter aerogenes</i> ATCC 13048	Good	Red with brilliant precipitate
<i>Salmonella enteritidis</i> ATCC 13076	Good	Colorless
<i>Staphylococcus aureus</i> ATCC 25923	Inhibited	---

## TRI-PLATES

### General Description

Tri-plate culture media from Asiagel Corporation are used for enumeration and isolation of three different microorganisms or to test three samples simultaneously at the same condition. Tri-plates include a cover and a 90 mm x 15 mm dish divided physically into three sections.

**Pack size:** box of 10 units.

**Expiry date:** 60 – 90 days from manufacturing date.

## 3P-1109 · Blood Agar / Chocolate Agar (TSA) / MacConkey Agar

### BLOOD AGAR

For the isolation, cultivation, and detection of the hemolytic activity of fastidious microorganisms.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-24 hours.

Microorganisms	Growth	Hemolysis
<i>Neisseria meningitidis</i> ATCC 13090	Good	---
<i>Staphylococcus aureus</i> ATCC 25923	Good	Beta
<i>Staphylococcus epidermidis</i> ATCC 12228	Good	----
<i>Streptococcus pneumoniae</i> ATCC 6303	Good	Alpha
<i>Streptococcus pyogenes</i> ATCC 19615	Good	Beta

### CHOCOLATE AGAR (TSA)

For the isolation and cultivation of fastidious microorganisms.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-24 hours.

Microorganisms	Growth
<i>Neisseria meningitidis</i> ATCC 13090	Good
<i>Staphylococcus aureus</i> ATCC 25923	Good
<i>Staphylococcus epidermidis</i> ATCC 12228	Good
<i>Streptococcus pneumoniae</i> ATCC 6303	Good
<i>Streptococcus pyogenes</i> ATCC 19615	Good

### MACCONKEY AGAR

For the isolation and identification of Enterobacteriaceae.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-24 hours.

Microorganisms	Growth	Colony Color
<i>Enterobacter aerogenes</i> ATCC 13048	Good	Pink-red
<i>Escherichia coli</i> ATCC 25922	Good	Pink-red (bile precipitate)

## 140 MM PLATES

### General Description

140 mm plate culture media from Asiagel Corporation are used for susceptibility testing or for tests that require large surface area. This plates include a cover and a 140 mm x 15 mm dish.

**Pack size:** box of 10 units.

**Expiry date:** 60 – 90 days from manufacturing date.

### 1058D · Mueller Hinton Agar

For sensitivity tests on antibiotics and sulfamides and for primary isolation of Gonococci and Meningococci.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-24 hours.

Microorganisms	Ampicilline 10 µg	Tetracycline 30 µg	Gentamicin 10 µg	Plimixyn B300 UI	Sulfamethoxazole 1.25 µg Trimethoprim 23.75 µg
<i>Escherichia coli</i> ATCC 25922	15-20	18-25	19-26	12-16	24-32
<i>Staphylococcus aureus</i> ATCC 25923	24-35	19-27	19-27	7-13	24-32

## RODAC PLATES

### General Description

Rodac plate culture media from Asiagel Corporation are used for enumeration and microbial contamination studies on surfaces of sanitary importance. This plates include a cover and a dish with a diameter of 6.5cm<sup>2</sup> which is divided into small square of 1 cm.

**Pack size:** box of 10 units.

**Expiry date:** 60 – 90 days from manufacturing date.

For easy interpretation of result, use the table below:

Total number of colonies	Result	Interpretation
0	Negative	Absence of growth
0 – 10	Weak Positive	Scarce Contamination
11 – 20	Positive	Low Contamination
21 – 100	Strong Positive	High Contamination
> 100	Very Strong Positive	Very High Contamination

## PROCEDURE

1. Remove the cover. Examine the plate for any sign of contamination.
2. Hold the extremes of the plate and exert pressure over the surface.
3. Return the lid back.
4. Incubate. Incubation condition depends on the medium used.

If "Automatic Aspiration System" will be used, follow manufacturers' specification.

## 1319R · Baird Parker with RPF Supplement

A selective isolation of coagulase-positive *Staphylococcus*.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-24 hours.

Microorganisms	Growth	Colony Color	Coagulase
<i>Escherichia coli</i> ATCC 25922	Inhibited	---	-
<i>Staphylococcus aureus</i> ATCC 25923	Good	Black	+
<i>Staphylococcus epidermidis</i> ATCC 12228	Moderate	Black	-

## 1062R · Mannitol Salts Agar

Selective medium to isolate pathogenic *Staphylococcus*.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-24 hours.

Microorganisms	Growth	Colony Color
<i>Escherichia coli</i> ATCC 25922	Inhibited	---
<i>Enterobacter aerogenes</i> ATCC 13048	Inhibited	---
<i>Staphylococcus aureus</i> ATCC 25923	Good	Yellow
<i>Staphylococcus epidermidis</i> ATCC 12228	Moderate	Red

## 1056R · Standard Methods Agar (PCA)

It is the most recommended medium to count aerobic microorganism in water, food and dairy industry. It is used to count bacteria in plate.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-48 hours.

Microorganisms	Growth
<i>Escherichia coli</i> ATCC 25922	Good
<i>Staphylococcus aureus</i> ATCC 25923	Good
<i>Staphylococcus epidermidis</i> ATCC 12228	Good

## 1093R · Violet Red Bile Agar

It is the most recommended medium to count aerobic microorganism in water, food and dairy industry. It is used to count bacteria in plate.

The following results were obtained in the performance of the dehydrated medium from type cultures after incubation at a temperature of  $35\pm 2^{\circ}\text{C}$  and observed after 18-24 hours.

Microorganisms	Growth	Colony Color
<i>Escherichia coli</i> ATCC 25922	Good	Pink
<i>Enterobacter aerogenes</i> ATCC 13048	Good	Red with brilliant precipitate
<i>Salmonella enteritidis</i> ATCC 13076	Good	Colorless
<i>Staphylococcus aureus</i> ATCC 25923	Inhibited	---



## SINGLE PLATES

Cat No.	Product
1P-1319	Baird Parker Agar (RPF)
1P-1011	Bismuth Sulfite Agar
1P-1108A	Blood Agar (BAB)
1P-1108B	Blood Agar (TSA)
1P-1048	Brain Heart Infusion Agar
1P-1406A	Chocolate Agar (BAB)
1P-1406B	Chocolate Agar (TSA)
1P-1406C	Chocolate Agar (BAB) w/Supplement
1P-1016	CLED Agar
1P-1152	Columbia CNA Agar*
1P-1340	E. Coli Coliforms Chromogenic Agar
1P-1030	Hektoen Enteric Agar
1P-1052	MacConkey Agar
1P-1062	Mannitol Salt Agar
1P-1043	MRS Agar
1P-1058	Mueller Hinton Agar
1P-1060	Nutrient Agar
1P-1022	Potato Dextrose Agar
1P-1532	Pseudomonas F Agar (King B)*
1P-1531	Pseudomonas P Agar (King A)
1P-1024	Sabouraud Dextrose Agar
1P-1122	Salmonella Chromogenic Agar
1P-1064	Salmonella Shigella Agar
1P-1014	Simmons Citrate Agar
1P-1056	Standard Methods Agar
1P-1074	TCBS Agar
1P-1106	Thayer Martin Agar
1P-1068	Trypticasein Soy Agar
1P-1093	VRBA w/ Lactose
1P-1080	XLD Agar

## BI-PLATES

Cat No.	Product
2P-1008A	Blood Agar (BAB)
2P-2011	Blood Agar/Chocolate Agar (BAB)
2P-2012	Blood Agar/Chocolate Agar (TSA)
2P-2020	Blood Agar/MacConkey Agar
2P-1406A	Chocolate Agar (BAB)
2P-1016	CLED Agar
2P-1152	Columbia CNA Agar*

2P-1340	E. Coli Coliforms Chromogenic Agar
2P-1030	Hektoen Enteric Agar
2P-1052	MacConkey Agar
2P-2060	MacConkey Agar/SSA
2P-1058	Mueller Hinton Agar
2P-1060	Nutrient Agar
2P-1022	Potato Dextrose Agar
2P-1056	Standard Methods Agar
2P-1064	Salmonella Shigella Agar
2P-1074	TCBS Agar
2P-1106	Thayer Martin Agar
2P-1093	VRBA w/ Lactose
2P-1080	XLD Agar

## TRI-PLATES

Cat No.	Product
3P-1108A	Blood Agar (BAB)
3P-3000	Blood Agar/Choc (BAB)/Mac
3P-3001	Blood Agar/Choc (TSA)/Mac
3P-3010	Blood Agar/Mac/Thayer Martin
3P-1406A	Chocolate Agar (BAB)
3P-1406B	Chocolate Agar (TSA)
3P-1016	CLED Agar
3P-3030	CLED/Columbia CNA/Mac*
3P-1152	Columbia CNA Agar*
3P-1340	E.Coli Coliforms Chromogenic Agar
3P-1052	MacConkey Agar
3P-1062	Mannitol Salt Agar
3P-1058	Mueller Hinton Agar
3P-1060	Nutrient Agar
3P-1022	Potato Dextrose Agar
3P-1024	Sabouraud Dextrose Agar
3P-1064	Salmonella Shigella Agar
3P-1056	Standard Methods Agar
3P-1106	Thayer Martin Agar
3P-1080	XLD Agar

## RODAC PLATES

Cat No.	Product
1319R	Baird Parker Agar (RPF)
1062R	Mannitol Salt Agar
1056R	Standard Methods Agar
1093R	VRBA w/ Lactose

## 140 mm PLATES

Cat No.	Product
1058D	Mueller Hinton Agar

## TUBES

Cat No.	Product
4100	Lowenstein Jensen Medium*
1327T	Lysine Iron Agar*
1512T	MRVP Medium*
1342T	Nutrient Agar*
1365T	Nutrient Broth*
1403T	Peptone Water*
1314T	Potato Dextrose Agar*
1514T	SIM Medium*
1309T	Simmons Citrate Agar*
1337T	Standard Methods Agar*
1508T	Thioglycollate Fluid Medium*
1046T	Triple Sugar Iron Agar*
1345T	Trypticasein Soy Agar*
1224T	Trypticasein Soy Broth*

## FLASKS (100 ml)

Cat No.	Product
1100F	Baird Parker Agar Base*
1371F	Buffered Peptone Water*
1060F	Nutrient Agar*
1364F	Nutrient Broth*
1403F	Peptone Water (CeNAN)*
1056F	Standard Methods Agar*

## SUPPLEMENTS

Cat No.	Product
5129	Egg yolk Tellurite

## OTHER PRODUCTS

Petri Dishes (Phoenix)	
90 mm single plate:	
25 plates/pack	600 plates/box
90 mm bi-plate:	
25 plates/pack	600 plates/box
90 mm tri-plate:	
25 plates/pack	600 plates/box
140 mm Plate:	
20 plates/ pack	120 plates/box
RODAC Plate:	
20 plates/pack	600 plates/box

\* Product available upon request, please contact us for more information.  
Other PPM Culture Media are available according to clients' request.

Production Lead Time: 5 days.



The smart choice in Life Sciences

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