

ChromoGel™ Listeria Agar Base (ALOA)

ChromoGel™ Listeria Agar completed with selective and enrichment supplements, is a selective and differential medium for the isolation of *Listeria* spp. from foodstuffs and other samples and for the identification of *L. monocytogenes* by ISO 11290

Agar Base

Formula	g/l
Enzymatic Digest of Animal Tissues	18
Enzymatic Digest of Casein	6
Yeast Extract	10
Sodium pyruvate	2
Glucose	2
Magnesium glycerol phosphate	1
Magnesium sulphate	0.5
Sodium chloride	5
Lithium chloride	10
Disodium hydrogen phosphate	2.5
5-Bromo-4-Chloro-3-Indolylβ-D-Glucopyranoside	0.05
Agar	13
Total	70
pH: 7.2 ± 0.2 at 25°C	

Selective supplement

Formula for 500ml of medium	Vial
Nalidixic Acid	10 mg
Ceftazidime	10 mg
Amphotericin B	5 mg
Polymyxin B	38350 UI

Enrichment supplement

Formula for 500ml of medium	Vial
L-α-Phosphatidylinositol	1g

Preparation

- # Dissolve 70g in 1000ml of distilled water (purified water)
- # Heat and frequent stirring to completely dissolve the medium
- # Autoclave at 121°C for 15 minutes
- # Cool to 45-50°C, add 2 vials of **ChromoGel Listeria Selective Supplement** and 2 vials of **ChromoGel Listeria Enrichment Supplement**
- # Mix well and dispense into appropriate sterile containers

Quality Control (37°C-24 H)

Organism	Ref. No.	Result
<i>L. monocytogenes</i>	ATCC 19111	growth - green-blue colonies surrounded by an opaque halo
<i>L. monocytogenes</i>	ATCC 13932	growth, green- blue

		colonies surrounded by an opaque halo
<i>L. innocua</i>	ATCC 33090	growth- green-blue colonies without opaque halo
<i>E. faecalis</i>	ATCC 19433	inhibited
<i>C. albicans</i>	ATCC 10231	inhibited
<i>E. coli</i>	ATCC 25922	inhibited

Storage

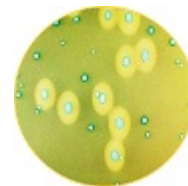
Store the dehydrated medium tightly closed in a dry place at room temperature and use before the expiry date on the label.

Dehydrated medium: 2-30°C

Ready to use plates keep at 2-8 °C

Ordering Information

Code	Products	Package
CGLIS500	ChromoGel™ Listeria Agar Base	500g/Bottle
CGLIS10SS	ChromoGel™ Listeria Selective Supplement	10vials/Box
CGLIS10SE	ChromoGel™ Listeria Enrichment Supplement	10vials/Box
CGLIS10SSE	ChromoGel™ Listeria Selective + Enrichment Supplement (5+5)	10vials/Box
CGLIS9010	ChromoGel™ Listeria Agar (90mm)	10pcs/Box



Listeria monocytogenes – Blue with halo on ChromoGel™ Listeria Agar