



Yersinia Selective Agar (Schiemann's CIN Agar)

Yersinia Selective Agar is used with cefsulodin and novobiocin for the isolation of *Yersinia enterocolitica* in a laboratory setting. Yersinia Selective Agar is not intended for use in the diagnosis of disease or other conditions in humans.

This medium is based on the work of Schiemann. It is used for the isolation and enumeration of *Yersinia* spp. from clinical samples and from food. The selective components are sodium desoxycholate, crystal violet, cefsulodin, irgasan and novobiocin. Yersiniae ferment mannitol with an intense, localized, acid production in the center of the colony which produces a red 'bull's eye' appearance. The ratio of transparent border to red centre varies with serotype and environmental strains may appear rough with an irregular edge. Most other enteric bacteria, if they grow, produce a larger colony with a diffuse pinkish center and opaque outer zone.

Formula	Liter
Peptone Mix	22.5 g/L
Mannitol	20.0 g/L
Sodium Chloride	1.0 g/L
Magnesium Sulphate	0.1 g/L
Sodium Pyruvate	2.0 g/L
Sodium Deoxycholate	0.5 g/L
Neutral red	0.03 g/L
Crystal Violet	0.001 g/L
Agar	12.0 g/L

Final pH: 7.4 ± 0.2 at 25°C

Formula may be adjusted and/or supplemented as required to meet performance specifications.

Preparation

1. Suspend 58 g of the medium in one liter of purified water.
2. Heat with frequent agitation and boil for one minute to completely dissolve the medium. DO NOT AUTOCLAVE
3. Cool to 45-50°C add aseptically add 2 vials of C.I.N. Supplement X120.

Product was previously known as Acumedia Product: 7257 Yersinia Selective Agar; and LabM Product: LAB120 Yersinia C.I.N. Agar Base

Order Details

Product #	Product Description
NCM0182A	Yersinia Selective Agar (Schiemann's CIN Agar), 500 g

NCM0182B	Yersinia Selective Agar (Schiemann's CIN Agar), 5 kg
NCM0182C	Yersinia Selective Agar (Schiemann's CIN Agar), 10 kg
NCM0182D	Yersinia Selective Agar (Schiemann's CIN Agar), 25 kg (European only size)
NCM0182E	Yersinia Selective Agar (Schiemann's CIN Agar), 50 kg (US only size)

Reference Material

7257 - Yersinia Selective Agar (Schiemann's CIN Agar), Safety Data Sheet [\[Danish\]](#) [\[Dutch\]](#) [\[English\]](#) [\[EU English\]](#) [\[Finnish\]](#) [\[French\]](#) [\[German\]](#) [\[Italian\]](#) [\[Spanish, Mexico\]](#) [\[Swedish\]](#)

For additional information or questions about product SDS documents, please contact Neogen at SDS@neogen.com.

Please check with your local representative for availability of these products within your region.

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