

AgarCult™**Xylose Lysine Desoxycholate Agar (XLD)**

A selective medium for the isolation of salmonellae and shigellae from clinical specimens and foods. By ISO 6579, ISO 19250, ISO 21567

Formula	g/l
Yeast extract	3
L-Lysine hydrochloride	5
Xylose	3.75
Lactose	7.5
Sucrose	7.5
Sodium desoxycholate	1
Sodium chloride	5
Sodium thiosulphate	6.8
Ferric ammonium citrate	0.8
Phenol red	0.08
Agar	13.5
Total	53.93
pH: 7.4 ± 0.2 at 25°C	

Preparation

- # Dissolve 54g in 1000ml of distilled water (purified water)
- # Heat and frequent stirring to completely dissolve the medium
- # Heat with frequent stirring until boiling (**DO NOT AUTOCLAVE**)
- # Cool to 45-50°C, mix well and dispense into appropriate sterile containers

Quality Control (35-37°C/18-24 H)

Organism	Ref. No.	Result
Salmonella Typhimurium	ATCC 14028	Good growth; red colonies with black centre
Salmonella Enteritidis	ATCC 13076	Good growth; red colonies with black centre
Escherichia coli	ATCC 25922	Inhibited yellow colonies
Enterococcus faecalis	ATCC 29212	No growth

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

Ordering Information

Code	Products	Package
XLD500	AgarCult Xylose Lysine Desoxycholate Agar (XLD)	500g/Bottle