

AgarCult™
Rimler-Shotts Medium Base (RS Medium)

RS medium is a selective medium for the isolation of *Aeromonas hydrophila* from clinical and non-clinical samples

RSM9010	AgarCult™ Rimler-Shotts Medium (90mm)	10Plates/Box
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Rimler-Shotts Medium Base

Formula	g/l
Yeast extract	3
Maltose	3.5
L-Cysteine hydrochloride	0.3
L-Lysine hydrochloride	5
L-Ornithine hydrochloride	6.5
Sodium thiosulphate	6.8
Ferric ammonium citrate	0.8
Sodium deoxycholate	1
Sodium chloride	5
Bromthymol blue	0.03
Agar	14
Total	46
pH: 7.0 ± 0.2 at 25°C	

Rimler-Shotts Medium Supplements

Formula for 500ml of Medium	Vial
Novobiocin	2.5mg

Preparation

- # Dissolve 46g in 990ml 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, add 2 vials **Rimler-Shotts Medium Supplements**
- # Mix well and dispense into appropriate sterile containers

Quality Control (35-37°C/24H)

Organism	Ref. No.	Result
<i>Aeromonas hydrophila</i>	ATCC 7966	Maltose (+), Yellow; LDC/ODC (-), H ₂ S (-)
<i>Proteus vulgaris</i>	ATCC 13315	Maltose (+), Yellow; LDC/ODC (-), H ₂ S (+) Black
<i>Escherichia coli</i>	ATCC 25922	Maltose (-); LDC/ODC (+), H ₂ S (-)

Storage

Once opened keep powdered medium closed to avoid hydration and use before the expiry date on the label.

Dehydrated medium: 2-30°C

Ordering Information

Code	Products	Package
RSMB500	AgarCult™ Rimler-Shotts Medium Base	500g/Bottle
RSM10S	AgarCult™ Rimler-Shotts Medium Supplement	10vials/Box