FoodChek
Food safety, simplified.

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Actero™ Hektoen Enteric Agar Product Information

Catalogue No.	Description
FCM- 136	Actero™ Hektoen Enteric Agar (500 G)
FCM- 135	Actero™ Hektoen Enteric Agar (2 KG)
FCM- 134	Actero™ Hektoen Enteric Agar (10 KG)

INTENDED USE

Hektoen Enteric Agar is a differential agar medium used for the isolation and identification of pathogens found in the intestinal tract. The inhibitory action of this medium has been tempered by increasing the concentration of peptones and carbohydrates thus allowing better recovery and growth of *Salmonella spp.* and *Shigella spp.*

Formula* per Liter:

Peptic Digest of Animal Tissue 12.0g
Yeast Extract 3.0g
Sucrose 12.0g
Salicin.....2.0g
Ferric Ammonium Sulfate 1.5g
Acid Fuchsin.....0.1g
Lactose 12.0g
Bile Salts 9.0g
Sodium Chloride.....5.0g
Sodium Thiosulfate 5.0g
Bromthymol Blue 0.064g
Agar.....13.3g

Final pH: 7.5 ± 0.2 at 25°C

** Grams per liter may be adjusted or formula supplemented to obtain desired performance.*

PREPARATION

Mix 75 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring, to dissolve completely, DO NOT AUTOCLAVE.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing, and beige.
2. Visually the prepared medium is gold to amber and clear to trace hazy.
3. Expected cultural response after 18-24 hours at 35°C.

Organism	Result
Enterobacter aerogenes ATCC® 13048	Growth, Salmon colonies w/ bile ppt.
Escherichia coli ATCC® 25922	Complete Inhibition
Proteus vulgaris ATCC® 13315	Complete Inhibition
Salmonella typhimurium ATCC® 14028	Growth, Green colonies w/ black centers
Shigella flexneri ATCC® 12022	Growth, Green colonies

Storage Instructions:

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing, or if the color has changed from the original light green-beige.