
Product Specification

Product Name: Hektoen Enteric (HE) Agar

Product Code: SG7256 / SG7257

PRODUCT DESCRIPTION:

Hektoen Enteric (HE) Agar is a differential selective medium for the isolation of Shigella and Salmonella species. This product is available in both dehydrated and granulated form.

Use:

Stir to suspend 93.8 g of dehydrated/granulated medium in 1L distilled H₂O. Mix well with heat with frequent agitation. Boil for one minute or until completely dissolved. Allow to cool (40– 45°C) before making additions, such as antibiotics (if desired), before pouring into petri dishes. Do not overheat or autoclave. For laboratory use only.

Components:

Peptone – 12.0g/L

Beef Extract – 3.0g/L

Lactose – 12.0g/L

Saccharose – 12.0g/L

Salicin – 2.0g/L

Bile Salts – 20.0g/L

Sodium Chloride – 5.0g/L

Bromothymol Blue – 0.064g/L

Acid Fuchsin – 0.1g/L

Sodium Thiosulfate – 6.8g/L

Ammonium Ferric Citrate – 0.8g/L

Sodium Deoxycholate – 2.0g/L

Agar – 18.0g/L

Item	Description
<u>Physical and Chemical Tests</u>	
Appearance (dry):	Yellowish Powder / Granules
pH (@25°C):	7.5 ± 0.2
<u>Microbiological Tests</u>	
<i>Salmonella enterica</i> subsp. enterica serotype (ATCC 14028)	<u>Quality Control Results</u> PR ≥ 0.5, green-blue colonies, with black core
<i>Shigella flexneri</i> (CMCC(B)51572)	Green-blue colonies
<i>Enterococcus faecalis</i> (ATCC 29212)	G ≤ 1

* The microbiological test results were obtained from type cultures after incubation at a temperature of 36 ± 1°C and observed after 18-24 hours.

Storage: Store in a dry and dark place at room temperature. Tighten the cap immediately after use.