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HEKTOEN AGAR:

Colony morphology of growth organisms

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Cat No. DD071 CHromagar/Salmonella/XLD
DD012 Hektoen Agar/XLD Agar

Hy-Laboratories Ltd.
Park Tamar
Rehovot 76326
Israel
Tel : 972-8-9366475
Fax : 972-8-9366474
hylabs@hylabs.co.il

Organisms	Colony Morphology	H ₂ S
<i>Salmonella</i> spp. <i>Arizona</i> spp.	Blue to blue-green colonies, varying in size with / without black centers.	V+
<i>Shigella</i> spp.	Moist, raised colonies, larger than on SS Agar. A greener color than <i>Salmonella</i> , with blue-green centers: color fading toward periphery of colonies.	-
<i>E. coli</i> (coliforms)	If growth occurs, yellow colonies surrounded by bright orange to salmon-pink zones.	-
<i>Citrobacter</i> spp.	If growth occurs, small bluish green colonies.	V
<i>Proteus</i> spp.	Small, transparent, glistening (watery) colonies (more so than <i>Salmonella</i> and <i>Shigella</i>): blue-green colored (sucrose F) with/without black centers. H ₂ S-negative <i>Proteus</i> strains resemble <i>Shigella</i> but are smaller.	V
<i>Pseudomonas aeruginosa</i>	Very small, flat irregular green-brown color; may have blue-green centers.	-

V = Variable; V+ = usually positive; - = negative reaction