

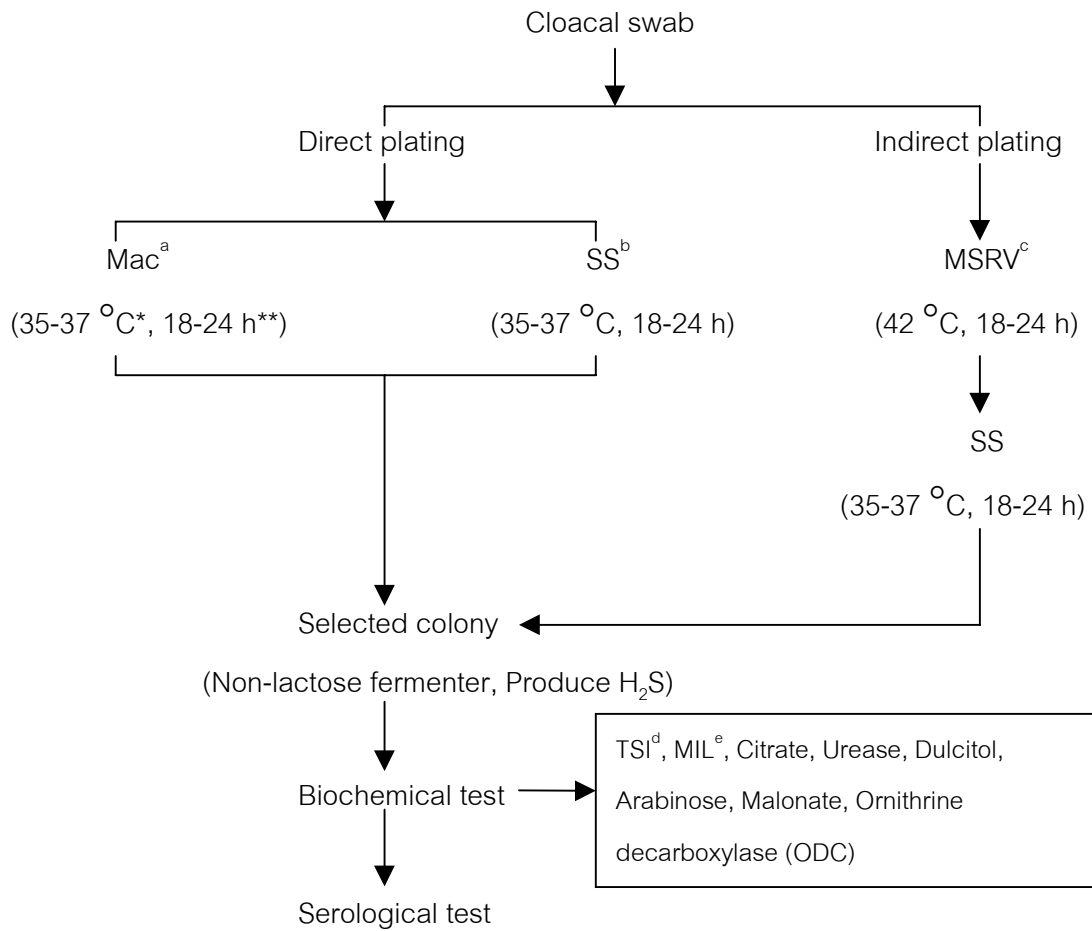
PREVALENCE OF SALMONELLA INFECTION IN GREEN IGUANAS (*IGUANA IGUANA*) AT CHIANG MAI ZOO

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Abstract Salmonella was isolated from 16 Green iguanas (*Iguana iguana*) by cloacal swab at Chiang Mai Zoo. Salmonella was found in 14 iguanas (87.5%) and 2 serotypes of Salmonella were isolated from each of 2 iguanas (14.29%). The serological test was performed to identify 6 serotypes of Salmonella which composed of *Salmonella urbana* in 2 fecal samples (12.5%), S. IV 48: g, z51: - in 8 fecal samples (50%), S. IV 53: z4, z23: - in 1 fecal sample (6.25%), S. Poona in 3 fecal samples (18.75%), S. Stanley in 1 fecal sample (6.25%), and S. Anatum in 1 fecal sample (6.25%).

Keywords : Iguana iguana, *Salmonella*, Chiang Mai Zoo



หมายเหตุ: a: Mac Conkey agar

b: Salmonella - Shigella agar

c: Modified Semi-solid Rappaport Vassiliadis agar d: Triple Sugar Iron agar

e: Motile-Indole-Lysine test

แผนภูมิที่ 1. แสดงขั้นตอนการแยกเชื้อซัลโมเนลล่าจากอุจจาระ