

Isolation of *Salmonella* spp slaughtered at Tanjung Benoa Denpasar

D2-6

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Abstrak

Pemeriksaan agen patogen pada usus halus telah dilakukan pada 40 penyu (36 *Chelonia midas*, 4 *Eretmochelys imbricata*) pada periode Mei - Desember 1996. Sampel dikumpulkan dari semua binatang yang dibunuh di Tanjung Benoa Denpasar yang digunakan untuk konsumsi dan upacara. Dari 38 sampel usus halus yang dikultur pada agar selenit kemudian agar *Salmonella Shigella* ditemukan 20 *Salmonella* spp. Tujuh dari kuman tersebut dikirim ke Laboratorium rujukan *Salmonella*, Balitvet Bogor untuk diidentifikasi. Dari 7 isolat diketahui 4 adalah *S. lexington*, 2 isolat *S. hadar* dan satu isolat *S. anatum*. Seluruh penyu yang mengandung *Salmonella* spp. berada dalam keadaan kondisi baik sebelum dibunuh kecuali satu penyu telah mati sebelumnya.

Abstract

A total of 40 marine turtles (36 *Chelonia midas*, 4 *Eretmochelys imbricata*) were examined for potential pathogens in their small-intestine during May-December 1996. Samples were collected from the animals which were slaughtered at Tanjung Benoa Denpasar for consumption and ceremonial purposes. Of the 38 small-intestine samples which were cultures first in Selenite Broth then on *Salmonella Shigella* Agar, 20 *Salmonella* spp were recovered. Seven of those were sent to *Salmonella* reference Laboratory Balitvet Bogor for further identification. Of the 7 isolates, 4 isolates were *S. lexington*, two isolates were *S. hadar* and one isolate was *S. anatum*. All the turtles from which *Salmonella* spp was isolated were in a good condition prior to slaughtered, except for one dead turtle.