

POULTRY

ISOLATION AND ENUMERATION OF *SALMONELLA* FROM POT PIES FROM OREGON

(G. Zhang, L. Ma, V. Phelan, P. Gerner-Smidt, and M.P. Doyle)

During 2007, at least 272 isolates of *Salmonella* I 4,[5],12:i:- with an indistinguishable pulsed field gel electrophoresis (PFGE) subtype were obtained from ill persons in 35 states. At least 65 people were hospitalized and pot pies were determined to be the vehicle of the outbreak.

Three pot pies (2 chicken pies, 1 turkey pie) were received from the Oregon Department of Public Health and assayed for *Salmonella*. Universal preenrichment broth for preenrichment and Rappaport-Vassiliadis broth (RV) and Tetrathionate broth (Hajna) (TT) for enrichment was employed for detection and enumeration of *Salmonella*. All samples were also analyzed with the BAX[®] Detection System (DuPont Qualicon).

The two chicken pot pies were negative for *Salmonella* whereas the turkey pie was contaminated with *Salmonella* at 11 MPN/g. Three isolates from the pie were serotyped and PFGE subtyped at CDC and were identified as *Salmonella* 4,5,12:i:- that was indistinguishable from the pot pie-associated outbreak isolate.

