

External Quality Assurance System (EQAS) of the WHO Global Salmonella Surveillance and Laboratory Support Project (Global Salm-Surv) - DTU Orbit (09/11/2017)

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To assure the quality of methods for serotyping and antimicrobial susceptibility testing among laboratories in WHO Global Salm-Surv, an international collaborative study on serotyping and antimicrobial susceptibility testing of eight *Salmonella enterica* strains was performed. A total of 44 laboratories in 35 countries participated. For serotyping, 76% of the results were correct. For susceptibility testing, 92% of the results for the eight *Salmonella* strains were in agreement with the expected results. However, 28% of the performed tests with the *E. coli* ATCC 25922 reference strain were out of the quality control range specified by NCCLS guidelines.

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