

Salmonella Dessau

Background: *Salmonella enterica* subsp. *enterica* serovar (S.) Dessau (antigenic formula 1,3,15,19:g,s,t:–) is a serovar of the O:1,3,19 (E₄) serogroup. This serovar is extremely rare with only few isolates described by January 2023. *S. Dessau* has reaction against antisera 15 (O₁₅) which is caused by phage conversion. Within the O:1,3,19 (E₄) serogroup, the serovar *S. Senftenberg* (antigenic formula 1,3,19:g,[s],t:–) is serologically similar to, and much more common than *S. Dessau*. Given the high similarity between the two antigenic formulae of these two serotypes, in silico serotyping tools such as SeqSero2 and SISTR may classify isolates serologically classified as *S. Dessau* as *S. Senftenberg*.

Animal reservoir: Serovar Dessau was found in retail chicken meat.

Geographical distribution: Serovar Dessau has been found in Germany and Korea.

Outbreaks: No outbreaks have been associated with *S. Dessau*.

Relevant links and references:

1. <https://www.liebertpub.com/doi/10.1089/fpd.2020.2810>