

# Salmonella Coeln

**Background:** *Salmonella enterica* subsp. *enterica* serovar Coeln (antigenic formula 1,4,[5],12:y:1,2) is a serovar of the O:4 (B) serogroup. This serovar is considered rare and is scarcely associated with human cases; only 32 human salmonellosis cases have been associated with this serovar during the last 10 years in the US. However, in Europe three outbreaks have been associated with S. Coeln, including outbreaks in [France](#), Norway, and [Sweden](#).

**Animal reservoir:** S. Coeln has been isolated in high frequency (21.8%) in [wild boars](#) in Italy. In addition, it has been isolated from [water of coastal rivers](#) in the western Mediterranean coast.

**Geographical distribution:** S. Coeln has only been described in Europe.

## **Outbreaks:**

Year	Location	Associated source	Number of cases
2021	Sweden	Fresh Sprouts	52
2017	Norway	TBD	18
2013	Norway	Baby Leaf Mix	25 (Dec 17, 2013)
1998	France	Minced beef	26

## **Border Rejections:**

Year	Location	Associated Source	Number of Cases
2022	Latvia	Chicken thighs from Poland	NA

## **Relevant links:**

1. <http://www.actavetscand.com/content/55/1/42>
2. <http://www.eurosurveillance.org/ViewArticle.aspx?ArticleId=223>
3. <http://www.foodsafetynews.com/2013/12/rare-salmonella-strain-sickens-18-in-norway/#.WcudkPmGOUk>
4. <https://www.foodsafetynews.com/2021/11/sweden-solves-salmonella-outbreak-sprouts-identified-as-likely-source/#:~:text=Sweden%20solves%20Salmonella%20outbreak%3B%20sprouts%20identified%20as%20likely%20source,-By%20News%20Desk&text=An%20outbreak%20of%20a%20rare,been%20caused%20by%20fresh%20sprouts.>