

# Salmonella Derby

**Background:** *Salmonella enterica* subsp. *enterica* serovar Derby (antigenic formula 1,4,[5],12:f,g:[1,2]) is a serovar of the O:4 (B) serogroup. S. Derby is a common serotype in pigs and pork products in Europe, raw pork in China (particularly Luohe, in Henan province). It is one of the dominant *Salmonella* serovars isolated from slaughter pigs in Europe (EFSA, 2008), and ranks #4 in the most frequently isolated *Salmonella* serovars from clinical non-human sources in the United States.

**Animal reservoir:** The most common reservoir for serovar Derby is swine. However, it has also been reported in poultry, eggs and dairy products.

**Geographical distribution:** S. Derby has been reported in the US, Europe, and China.

**Outbreaks:** Several outbreaks linked to S. Derby have been reported; in many of these outbreaks, the associated food was pork products.

Year	Location	Associated source	Number of cases
2011	<a href="#">Spain</a>	dried pork sausage	<49
<a href="#">1963</a>	US-multistate	raw or under-cooked eggs	~822 (incl. secondary)

**Recalls:** Food recalls linked to S. Derby are reported below:

Year	Location	Recalled product	Type
2016	Germany	Dried pig ears from Belgium	pet food

## Relevant links and references:

1. <http://www.cdc.gov/ncezid/dfwed/pdfs/salmonella-annual-report-2012-508c.pdf>
2. <http://www.ncbi.nlm.nih.gov/pubmed/26650239>
3. [https://webgate.ec.europa.eu/rasff-window/portal/index.cfm?event=notificationDetail&NOTIF\\_REFERENCE=2016.0482](https://webgate.ec.europa.eu/rasff-window/portal/index.cfm?event=notificationDetail&NOTIF_REFERENCE=2016.0482)