

# Salmonella Barranquilla

**Background:** *Salmonella enterica* subsp. *enterica* serovar Barranquilla (antigenic formula 16:d:e,n,x) is a serovar of the O:16 (I) serogroup. Serovar Barranquilla was found in swine feed mills.

**Animal reservoir:** Serovar Barranquilla was found in chicken, cattle, and fish.

**Geographical distribution:** Serovar Barranquilla has been found in Uganda, New Zealand, and the U.S.

**Outbreaks:** Outbreaks have been associated with *S. Barranquilla*.

| Year | Location | Associated Source   | Number of Cases |
|------|----------|---------------------|-----------------|
| 2008 | US: MA   | Raw bass and tuna   | 4               |
| 2008 | US: VA   | Hybrid striped bass | 45*             |

\*Multiple serovars were involved in this outbreak including serovar Barranquilla, Bovismorbificans, Braenderup, Javiana, Rubislaw, and Thompson.

**Relevant links and references:**

1. <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0220484>
2. [https://surv.esr.cri.nz/enteric\\_reference/nonhuman\\_salmonella.php?we\\_objectID=4946](https://surv.esr.cri.nz/enteric_reference/nonhuman_salmonella.php?we_objectID=4946)
3. <https://www.wvdl.wisc.edu/wp-content/uploads/2018/07/2017-Salmonella-isolates.pdf>
4. <https://www.wvdl.wisc.edu/wp-content/uploads/2021/09/2020-Salmonella-serotype-numbers-2.pdf>
5. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2870821/>
6. <https://www.cdc.gov/nationalsurveillance/pdfs/2016-Salmonella-report-508.pdf>
7. <https://www.meatpoultryfoundation.org/namif/wp-content/uploads/12-350.pdf>
8. <https://www.liebertpub.com/doi/10.1089/fpd.2019.2701>