

Watch the video on Differential and Selective Media, and view the lab protocol that was used to complete the experiment. Using information obtained from these sources, you will be creating an informal report that should include the following:

- Name of one of the foods tested that you would like to look further into.
- A table for each media used, showing how many colonies (if applicable) of each morphology were observed with your sample and the positive control
- A written description of each plate (do not include positive controls), indicating approximate number of total colonies, a description of each colony type (colour, size, texture, margin, elevation), and any changes to the appearance of the media.
- A brief summary of what your results tell you about the types of bacteria found in your food sample (you will need to consult your lab manual or course text to find out what each media type is normally used for).
- Suggest one other type of media that you may want to grow your food sample on in order to better distinguish the bacterial species or genera present (you will want to refer to the Difco manual (can be viewed online at <https://www.trios.cz/wp-content/uploads/sites/149/2016/08/DIFCO-A-BBL-MANUAL-2.pdf> )

Video available here:

[https://mediaspace.bcit.ca/media/Differential+and+Selective+Media+Assignment/0\\_d8s2t1l8](https://mediaspace.bcit.ca/media/Differential+and+Selective+Media+Assignment/0_d8s2t1l8)