

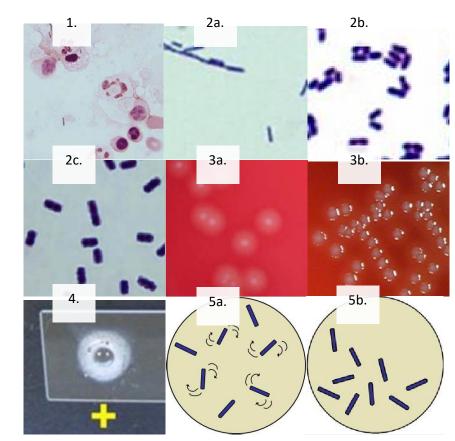
Listeria monocytogenes Identification Chart

Summary

Major pathogen found in Cerebral Spinal Fluid (CSF) and Blood only

Characteristics

- CSF showing Polymorphonuclear leukocytes (PMNs), Monocytes, and Gram-positive rods (may be intracellular).
- (a-c)Regular small Gram
 (+) rods. May be short or longer.
- a Beta hemolysis does NOT extend beyond edge of colony. b – This microorganism is not *Listeria* because beta hemolysis extends beyond edge of colony.
- 4. Catalase (+) Note: Colony looks like Group B streptococci.
 Differentiate from Group B streptococci by Gram stain and positive catalase reaction.
- Motility:
 a Tumbling motility at 26°C
 b - Non-motile at 35° C



This job aid is a component of the free, on-demand CDC training course "Biochemicals and Gram-Positive Organism Identification." Find the course at <u>https://www.cdc.gov/labtraining.</u>