

## Biochemical Test of *Listeria monocytogenes*

Basic Characteristics	Properties ( <i>Listeria monocytogenes</i> )
CAMP	Positive (+ve)
Catalase	Positive (+ve)
Flagella	Flagellated
Gas	Negative (-ve)
Gram Staining	Positive (+ve)
H <sub>2</sub> S	Negative (-ve)
Hemolysis	Beta Hemolysis
Indole	Negative (-ve)
Motility	Motile
MR (Methyl Red)	Positive (+ve)
Nitrate Reduction	Negative (-ve)
Oxidase	Negative (-ve)
Shape	Rods
Spore	Non-Sporing
Urease	Negative (-ve)
VP (Voges Proskauer)	Positive (+ve)
<b>Fermentation of</b>	
Arabinose	Negative (-ve)
Dextrin	Variable
Galactose	Variable
Gluconate	Negative (-ve)
D-Glucose	Positive (+ve)
Glycerol	Positive (+ve)
Glycogen	Negative (-ve)
Hippurate	Positive (+ve)
Lactose	Positive (+ve)
D-Mannitol	Negative (-ve)
Melezitose	Positive (+ve)
Melibiose	Negative (-ve)
Rhamnose	Positive (+ve)
Ribose	Negative (-ve)
Sorbitol	Variable
Starch	Negative (-ve)
Sucrose	Positive (+ve)
Trehalose	Positive (+ve)
Xylose	Negative (-ve)
<b>Enzymatic Reactions</b>	
Acid Phosphatase	Positive (+ve)
Arginine Dehydrolase	Positive (+ve)
Cellulose	Negative (-ve)
Esculin Hydrolysis	Positive (+ve)
Lecithinase	Positive (+ve)
Tryptophanase	Negative (-ve)