

Biochemical Test of *Streptococcus pyogenes*

Basic Characteristics	Properties (<i>Streptococcus pyogenes</i>)
CAMP	Negative (-ve)
Capsule	Capsulated
Catalase	Negative (-ve)
Gram Staining	Positive (+ve)
Hemolysis	Beta
Motility	Non-Motile
OF (Oxidative-Fermentative)	Fac. Anaerobes
PYR	Positive (+ve)
Shape	Cocci
Spore	Non-Sporing
Urease	Negative (-ve)
VP (Voges Proskauer)	Negative (-ve)
6.5% NaCl Growth	Negative (-ve)
Fermentation of	
Adonitol	Negative (-ve)
Arabinose	Negative (-ve)
Arabitol	Negative (-ve)
Cellobiose	Variable
Dulcitol	Negative (-ve)
Erythritol	Negative (-ve)
Fructose	Positive (+ve)
Galactose	Positive (+ve)
Glucose	Positive (+ve)
Glycerol	Variable
Glycogen	Variable
Hippurate	Negative (-ve)
Lactose	Positive (+ve)
Maltose	Positive (+ve)
Mannitol	Negative (-ve)
Melibiose	Negative (-ve)
Raffinose	Negative (-ve)
Ribose	Negative (-ve)
Salicin	Positive (+ve)
Sorbitol	Negative (-ve)
Sucrose	Positive (+ve)
Trehalose	Positive (+ve)
Xylose	Negative (-ve)

Enzymatic Reactions	
Acetoin Production	Negative (-ve)
Alkaline Phosphatase	Positive (+ve)
Arginine Dehydrolase	Positive (+ve)
Esculin Hydrolysis	Variable
Hyalurodinase	Positive (+ve)
Neuraminidase	Positive (+ve)