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Streptococcus dysgalactiae subsp equisimilis

National Cancer Institute

Source

National Cancer Institute. *Streptococcus dysgalactiae subsp equisimilis*. NCI Thesaurus. Code C86906.

A subspecies of facultatively anaerobic, Gram positive, cocci shaped bacteria in the phylum Firmicutes. This subspecies is positive for Lancefield group G, beta hemolysis, arginine deamination, esculin hydrolysis, beta glucuronidase, and growth in 6.5% NaCl and negative for alpha and beta galactosidase, catalase, and pyrrolidonylarylamidase. It can ferment trehalose, and ribose but not sorbitol, or glycogen. *S. dysgalactiae* subsp. *equisimilis* is found in the human respiratory tract and vagina and is pathogenic, causing pharyngitis, impetigo, cellulitis, septicemia, glomerulonephritis, and toxic shock.