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Author <b>Johan Lagmo</b>		
Title (English) <b>Development of a multiplex real time PCR assay to target bacteria causing meningitis</b>		
Abstract Meningitis is a severe disease with fatal outcome if not treated properly. This project evaluate and recommend a variation of multiplex qPCR assays which identify three bacteria causing meningitis, <i>Neisseria meningitidis</i> , <i>Haemophilus influenzae</i> and <i>Streptococcus pneumoniae</i> . The evaluation was based on the analytical sensitivity and specificity of the assays and a comparative analysis on clinical specimens. The qPCR assay was also prepared to be a routine method for the Academic Hospital in Uppsala.		
Keywords <i>Meningitis, Real Time PCR, qPCR, multiplex PCR, Neisseria meningitidis, Haemophilus influenzae, Streptococcus pneumoniae, analytical sensitivity</i>		
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