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The invention relates to medicine, in particular to molecular genetics and can be used for detecting Y chromosome microdeletions in male infertility.

Summary of the invention consists in that the analysis of isolated genomic DNA is performed using the chain polymerization reaction, with the analysis of sY84 and sY86 (AZFa), sY127 and sY134 (AZFb), sY254 and sY255 (AZFc) and SRY and ZFX/ZFY, sDBY1 and sY620 (AZFa), sY153 and sY158 (AZFc), sY117 and sY143 (AZFb) sequences, amplification of DNA fragments is performed, after which the DNA is separated by electrophoretic method under the action of constant electric current in an 8% polyacrylamide gel in a continuous buffer system, then the gel is stained with a solution of ethidium bromide with a concentration of 0.5 μg/ml, for 5 min, washed for 1 min, and the resulting fragments are photodocumented.

Claims: 4
Fig.: 1