

DIAGNOSTIC VALUE OF METHOD OF M. TUBERCULOSIS DETECTING USING VKG NUTRIENT MEDIUM

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Summary

Three methods of tuberculosis diagnostics were compared in order to evaluate relative effectiveness: express-diagnostic test using VKG nutrient medium, cultural method, utilizing Levenshtein-Yensen and Finn II nutrient media, and sputum smear microscopy method. The PCR method was used to identify isolates from VKG medium. The analysis of the results demonstrated that the isolates from VKG medium were mostly *M. tuberculosis*. It is possible to use VKG medium for express-diagnostics of tuberculosis, but complicated identification of isolated microorganisms and difficult interpretation of results are the limitations this method, which require further improvement.