

EMD MI BM : recherche et analyse d'articles

- **Proposez un titre adéquat (5pts)**
  - \*/ Comparison of Methods for the Extraction of DNA from Formalin-Fixed, Paraffin-Embedded Archival Tissues.
  - \*/ Methods of DNA extraction from formalin-fixed, paraffin-embedded archival tissues.
- **Donnez un résumé de 100 mots au max : (6pts)**
- The aim of the study is focused on the method for DNA extraction from the FFPE tissues of 16 randomly selected blocks. Methods involving deparaffinization on slides or tubes, enzyme digestion overnight or for 72 hours and isolation using phenol chloroform method or a silica-based commercial kit were compared in terms of yields, concentrations and the amplifiability.
- The results highlight that the highest yield of DNA was produced from the samples that were deparaffinized on slides, digested for 72 hours and isolated with a commercial kit. Samples isolated with the phenol - chloroform method produced DNA of lower purity than the samples that were purified with kit. The samples isolated with the commercial kit resulted in better PCR amplification.
- **Proposez 5 mots clés au max : (5pts)**
- DNA extraction, formalin fixed paraffin-embedded tissues, methods. Comparison.
- **Donnez une conclusion : (2pts)**
- So, Silica-based commercial kits and deparaffinized on slides should be considered for DNA extraction from formalin-fixed, paraffin-embedded.
- **Quel est le type de l'article : (2pts)**
- Article de recherche.