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Application for MALDI-MSI

Since 2021-01-09 by Dr. Tadafumi Kawamoto SECTION-LAB Co. Ltd. Yokohama, Japan Kawamoto-method@section-lab.jp

Advantages of Kawamoto's film method on the MALDI-IMS

- 1) The method produces almost perfect frozen sections from soft tissues, hard tissues, plants, and insects et al.
- 2) The signals are stronger than that from an ITO glass slide, a standard glass slide and a nonconductive tape.
- 3) The method can be used for different types of study (histology, histochemistry, immuno-histochemistry, in-situ hybridization, gene anlysis using LMD technique, Proteomics, Transcriptomics).
- 4) Signals derived from the embedding medium(SCEM) are not detected in the tissue areas.

