

Tissue Micro Arrays (TMA)

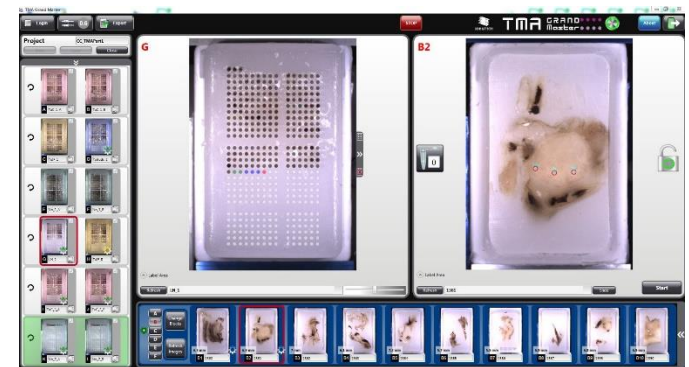
Tissue microarrays (TMAs) are high-throughput technologies that allows the analysis of the expression of a single biomarker across many tissues and cells and the study of normal or pathological tissues, supporting the identification of new potential diagnostic and prognostic markers in human diseases.

Sections from the array blocks can be stained with different techniques including IHC, ISH, FISH and thanks to the big number of samples available for each slide, TMAs are a powerful tool to standardize results and optimize time and costs.



GrandMaster, the high capacity and fully automated Tissue Microarrayer from 3DHitech/Epredia

The software of 3DHitech Tissue Microarrayers has a very simple and user friendly interface that guides the Operator during all the steps required for the creation of TMA. It is possible to create several custom TMA layouts to fit every research or clinical need. Thanks to the innovative technology and the elevated automation, TMA Grand Master is the best solution for the creation of highly standardized and high-density blocks



Epredia proposes the following workflow to produce **next-generation TMAs**

