

METHOD FOR OPTICALLY CLEARING A TISSUE SAMPLE USING AN EMBEDDING MEDIUM

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ABSTRACT

The invention relates to a method for producing transparent tissue samples of a biological or human tissue for a light microscopy examination, having the steps a) dewatering the tissue sample using a dewatering solvent and b) clearing the dewatered tissue sample by transferring
10 same into an embedding medium which contains an benzaldehyde-anisole ether. In comparison to the benzyl benzoate/benzyl alcohol mixtures and methyl salicylate-benzyl benzoate mixtures conventionally used until now as embedding media, the benzaldehyde-anisole ether has the advantage of being usable as a pure substance, in exactly the same way as a dibenzyl ether: Because the pure
15 substance already has the desired refractive index, the refractive index does not need to be set by mixing the embedding medium. Furthermore, the benzaldehyde-anisole ether according to the invention penetrates the dewatered tissue faster than previously known embedding media and also makes the tissue transparent faster.

No Figure.

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